



MEASURING INSTRUMENTS 2022



COMMERCIAL TERMS

Product Info

Measurements, weights, characteristics or sizes shown in this catalogue are indicative, and may be modified without prior notice.

Prices and deliveries

Sale prices will be those offered in writing quotations or those included in our current rate at the time of delivery.

Shipping costs

Shipments will be based on the Incoterm conditions shown in each quotation.

Any other logistics service requested will be negotiated and quoted separately, and must be previously accepted by the client.

Shipping incidences

All shipments will be checked and verified within 48 hours after receipt. If any incident is detected, it must be communicated immediately to the carrier and to MGL customer service.

Merchandise unloading

Merchandise sent by special transports will be unloaded by the receiver.

Deliveries to third parties

In the event of deliveries requested for a different destination to the usual, MGL express consent will be required, and the customer should be responsible for the correct reception as if it was his usual address.

Good returns

Good returns will only be admitted if they have been previously justified and expressly accepted by MGL, will be negotiated and quoted separately, and must be previously accepted by the client.

Civil liability

MGL declines all responsibility due to the improper use of its products. The civil liability on

our products expires one year after delivery. In case of litigation as a result of a sale, the parties will submit to the jurisdiction of the courts where the principal place of business of the manufacturer is located, waiving both parties to any other jurisdiction that may correspond. The civil liability will be governed by the Law of the State of principal place of business of the manufacturer.

Warranty

All MGL products are guaranteed by the legal period of time governing on each operation.

This warranty does not cover failures caused by improper use or handling.

To execute the guarantee you must contact our Customer Service Center by email.



Technical specifications included in this price list may be subject to modifications without prior notice.

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MGL

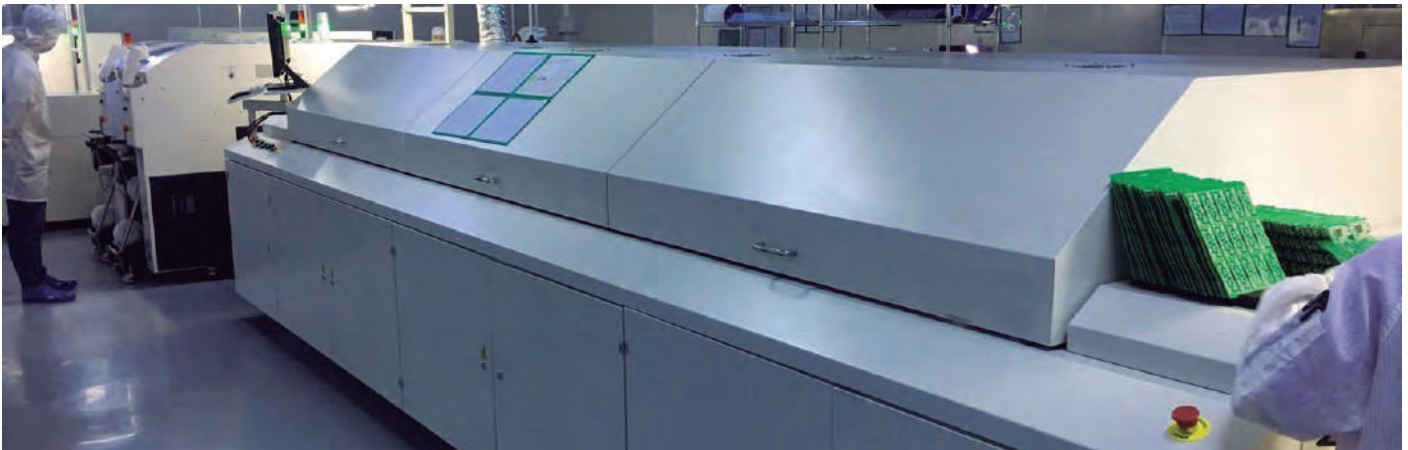
WHO IS MGL

We are a global group of companies operating locally. We develop, manufacture and sell products and solutions for the test and measurement industry under our own brands, such as Mastech, KPS and Power Probe, also offering engineering / manufacturing (ODM) and adaptation / customization (OEM) services. Additionally, we provide other added value solutions such as outsourced and engineered products.

Our companies work globally, serving our customers worldwide. This global network delivers a deeper understanding of each individual market, with solutions tailored to the unique requirements of each customer.

Our goal is to be a recognised, honest and fair company. We aim to be the most valued partner for our customers in the research, development, manufacture and supply of innovative, modern and customer-focused technologies.

We have a highly experienced team which is open-minded, receptive to new ideas and adaptive to evolving market trends. This solid foundation guarantees that we are well informed and fully equipped to deliver excellent solutions to meet our customers' real needs.



MGL AT A GLANCE



More than 800 employees



Annual production of +10 million units per year



Three factories in Taiwan, China and Europe



We manufacture more than 95% of our products, even the accessories

OUR BRANDS

We manufacture electrical test and measurement instruments under our own brands: C-LOGIC, KPS and Power Probe, recognized brands and market leaders in the fields of electrical measurement and automotive.

All of our products have a professional positioning based on advanced balanced technology and they are marketed through local distributors throughout the world.

We maintain direct and close contact with our distributors, through our offices around the world, and we support them in their business by offering technical advice and an after-sales service for our products.



Under KPS brand we design, manufacture and sell products and solutions for the electrical market, always with the highest levels of quality and performance.

KPS. Testing and measuring equipment

We conceive and engineer electrical measuring instruments to comply the most demanding European standards.

Our high-performance digital clamp meters, multimeters and testers are developed to cover the requirements of any electrical installation.





C-Logic is the MGL brand focused on solutions for electricians and DIY users. Under this brand we develop and produce a wide range of solutions suitable for residential, commercial and construction applications.

Our product range covers the following categories:

Measuring instruments.

Wide range of instruments from easy to use voltage testers up to advanced cable trackers which allow the users to perform electrical testing in an effective way.

Energy saving.

Light, time and temperature control products for getting an important energy saving in any kind of electrical installation.

Installation.

Our nylon, polyamide and twisted fish tapes are an efficient and time saving way to perform the electrical wiring in buildings.



At Power Probe, we believe things should be simple. That's why we design tools to make complex automotive technology accessible for the modern auto technician. As automotive technology continues to evolve, Power Probe will provide innovative Technology, Energy, and Knowledge solutions for technicians and consumers alike.

Circuit Testing and Diagnostic Tools

Tools to provide fast electrical testing and short circuit tracing. Based on the success of the past, our tools are now made simpler and easy to use.

Tools & Accessories

Workplace Improvement Tools including butane torches, wireless temperature probes, IR thermometers, modular work lights, cordless and butane soldering kits.



Customer Support Center

We work to give you the best service

We maintain a direct and transparent relationship with our clients, in which the quality of the service is our priority.

Technical support, repairs and calibrations.

Our Customer Support Center is formed by expert technicians who support our customers in any technical subject related to our products. In our own laboratories we make sure about the proper quality and accuracy of our instruments.

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Measurement Instruments Services

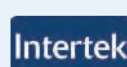
All KPS products are manufactured accordance with ISO 9001 : 2015 standards, following strict quality control in all processes.

We offer our clients services

- Product repairs
- Calibration services, certified according to ISO9001:2015
- Own laboratories



CERTIFICATION STANDARDS

Safety logo	3 rd party laboratory	Applicable area
  	 	North America
  	    	Europe

NEW PRODUCTS AND TECHNOLOGIES

Solar power application



DCM8500PV / DCM8700PV DMM4500PV

- True Root Mean Square (TRMS) measurement
- Current measurement up to 1500A AC/DC (model DCM8700PV)
- Specific PV test leads for solar application
- 6.000 counts with large LED backlit display

Further information on page 26 & 39

Industrial TRMS clamp meters



DCM3000 / DCM3500T / DCM4000T

- AC/DC Voltage, AC current, DC current (model DCM4000T)
- True Root Mean Square (TRMS) measurement
- Capacitance and temperature measurements (models DCM3500T and DCM4000T)
- Non-contact voltage detection
- Autoranging
- Calibration certificate included
- Backlight display function

Further information on page 29

Power Clamp meters



DCM5000PW / DCM6000PW

- True Root Mean Square (TRMS) measurement
- Power measurements, Harmonics and Power Factor
- Bluetooth connectivity
- 10000 Count digital display with analog bar graph
- Active Backlit with Large white LED backlight display
- AC Current via Flexible Current Probe
- Auto-Save stores up to 1000 memories
- Data Logging up to 9999 records

Further information on page 27

NEW PRODUCTS AND TECHNOLOGIES

Leakage clamp meter



DCM300LEAK

- True RMS reading
- High Frequency Rejection (selectable: 50Hz-60Hz & 1KHz)
- AC 60 Amps capability
- Max. resolution: 0.001mA
- Torchlight

Further information on page 28

High precision AC/DC leakage clamp meter



DCM400LEAK

- True RMS readings
- 6000 Count digital display
- Auto-ranging
- DC/AC 1mA High Precise resolution
- DC 0.1mV High Precise resolution
- Smart Data Hold

Further information on page 28

Clamp meter for HVAC application



DCM7000BT / DCM8000BT

- True RMS measurements
- DC 600mV measurement for sensor testing
- DC uA for flame rod testing
- Capacity, frequency and temperature functions
- Bluetooth connectivity through KPS LINK app

Further information on page 27

NEW PRODUCTS AND TECHNOLOGIES

Flexible clamp meters



DCM4010FLEX / DCM4018FLEX DCM3010FLEX / DCM3018FLEX

- 3.000A AC current measurement
- Stand-alone models and accessory models to be used with standard multimeters or clamp meters
- TRMS measurement
- Bluetooth connectivity through KPS LINK app

Further information on page 37 & 38

Mini clamp meter



DCM200MINI

- Mini clamp meter
- True RMS measurements
- 6000 count large scale LCD display with backlit
- 10mA Resolution
- Inrush Current Measurement
- 1.5% basic DCA/ACA accuracy
- True RMS
- Non-Contact Voltage
- Inrush current
- Low pass filter
- Data Hold

Further information on page 28

Open jaw clamp meter



DCM1500JW

- Auto Selection on ACV, DCV, Ω , ACA, Diode and Continuity
- 10000 count digital display with backlit
- True RMS reading on AC mode
- Smart Data Hold
- 0.3% basic DCV accuracy

Further information on page 28

NEW PRODUCTS AND TECHNOLOGIES

TRMS multimeters



DMM3000 / DMM3500BT

- TRMS measurement
- LoZ (Low impedance) for preventing false readings from ghost voltage
- 1.000V AC/DC and 6.000 counts
- Low currents AC/DC (microAmps)
- Bluetooth connectivity through KPS LINK app

Further information on page 39 & 40

High precision TRMS Industrial logging multimeter



DMM9000BT

- 40,000 count extra-large digital display
- Auto Backlit, Dual display
- Auto AC/DC Voltage detect with low impedance
- AC+DC True RMS indication
- Auto-Save mode to automatically save new reading
- 40,000 records data logging capacity
- Low Impedance mode
- High Frequency rejection mode
- PC software
- Bluetooth connectivity

Further information on page 40

Voltage testers



TP3000LED / TP3500LCD / TP5000HY

- LED, LCD and combined versions
- Current measurement with open jaw version (model TP5000HY)
- IP65 for dust and water protection
- Detachable test probes for easy replacement

Further information on page 50 & 51

PRODUCT INDEX



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POWERCOMPACT3020

POWERCOMPACT3020 is a powerful, portable network analyzer developed for professional analysis of consumption and power quality of the most complex electrical networks. It can be used on single-phase, two-phase, three-phase (balanced and unbalanced) networks, low and medium voltage.

The advanced features and analysis software supplied makes it a suitable tool to the most demanding professional needs.



SKU No.	UPC	EAN
KPSPQA2030CBINT	810053671948	8435394776194

VOLTAGE (TRMS)

Ø phase-phase: 7-1000VAC 40-70Hz
Phase-neutral: 5-600VAC 40-70Hz
Aux: 5-1000VAC 40-70Hz,
10-1400VDC

CURRENT (TRMS)

Range: 6-3000A
Ratio: 1-60000

POWER

Single phase and total power:
Values < 999 GW, Gvar, GVA

HARMONICS

Up to 50th order

EVENTS

Interruptions: >500mS
Dips: >500mS
Swells: >500mS

TRANSIENTS

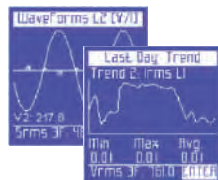
Swells and overcurrents > 150uS
Inrush current analysis

The instrument can be held indifferently through its ergonomic rubber guard, or supported thanks to its integrated removable stand or magnetic captors, both to simplify measurements in the field or near a PC.

Equipped with a large (68x68mm) and efficient LCD display, which allows the display of waveforms, graphics..etc. White pixels on a dark blue background provide a great visuality of the screen.

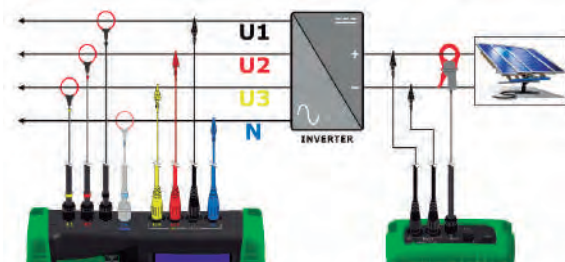


Elegant membrane keypad with 10 buttons with dual function provides an easy and intuitive navigation menu.



MULTIPLE INPUTS

- 3 voltage channels **U1**, **U2** and **U3**, with common neutral (**N**), and 4 independent current channels **I1**, **I2**, **I3**, **I4**.
- An independent, auxiliary voltage input (**UAUX**) and an independent, auxiliary current input (**IAUX**) are also available.



Connection diagram in a photovoltaic network

Suitable for any network:

- 3φ+N
- 3φ
- 2φ
- 1φ
- PV systems

* The DC current clamp and additional voltage cables are optional accessories.

COMPLETE KIT

Contents

- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgosky AC current clamps(ULTRAFLEX3000) - 3 pcs
- Battery pack POWERCOMPACT/BAT (4x AA NiMh 2100mAh) - 1pc
- mSD 8Gb1
- External power supply +adapters POWERCOMPACT/PS - 1set
- Calibration certificate
- User manual
- Transportation case

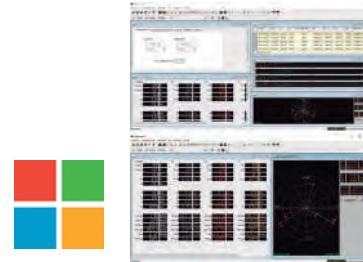
See optional accesories and spare parts on pages 14 and 15.



POWERFUL ANALYSIS

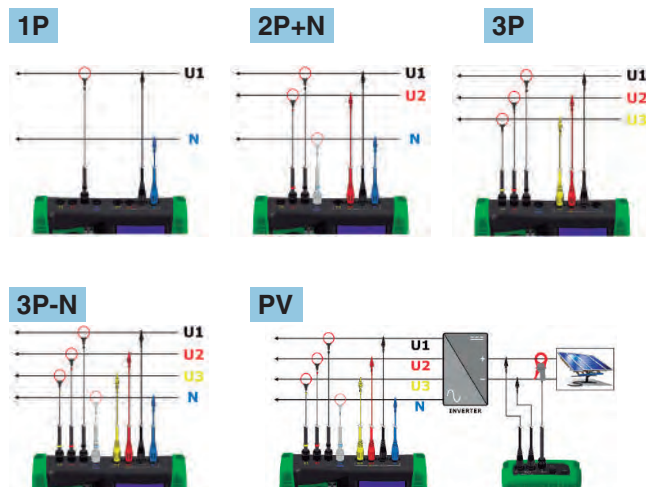
- Data storage through external SMD card (8 Gb)
- Communication to PC through USB port
- Professional Software **POWERCOMPACT/Studio** for full analysis of parameters, events, graphs...etc

(Included on kit and available on website for downloading)



CONNECTING SYSTEM

- Single phase
- Two phase
- Three-phase, 3-wires, balanced
- Three-phase, 3-wires, unbalanced
- 3-phase, 4-wires, balanced
- 3-phase, 4-wires, unbalanced



FUNCTIONALITY & PARAMETERS

- Traditional electrical análisis: V, I, P, Q, S, F, PF, THD(V)%, THD(I)%, $\cos\phi$, ϕ , peaks, minimums, maximums, averages, max. demands, etc.
- Neutral current
- Three phase counters: kWh, kVarh, kVAh, both absorbed that generated
- Counters for each single pase: kWh, kVarh, kVAh, both absorbed that generated
- Cogeneration
- Waveforms: V & I
- Harmonics: Values and histograms up to the 50th order
- Sags : Dips, swells & interruptions
- Transients: Overvoltages & overcurrents
- Unbalance
- Test EN 50160
- Inrush current
- DC measures
- K factor: Up to the 25th order
- Alarms: Displayed
- Alarms log: 5 at display
- Tariff bands:4
- Energy costs



POWERCOMPACT-CL5A AC Current clamp 5A

SKU No.	UPC	EAN 13
KPSPQA5ACBINT	810053673355	8435394776200

- Amperometric mini-clamp for low AC currents from 0.01A to 5.0A with reduced dimensions and high precision.
- Clamping capacity: Cable: Ø max 20mm
Busbar: 1 busbar of 20 x 5 mm



POWERCOMPACT-CL200A AC Current clamp 200A

SKU No.	UPC	EAN 13
KPSPQA200ACBINT	810053673362	8435394776217

- Amperometric mini-clamp for AC currents from 0.5A to 200A with reduced dimensions and high precision.
- Clamping capacity: Cable: Ø max 20mm
Busbar: 1 busbar of 20 x 5mm



POWERCOMPACT-CL1000A AC Current clamp 1000A

SKU No.	UPC	EAN 13
KPSPQA1000ACBINT	810053673379	8435394776224

- Amperometric mini-clamp for AC currents from 0.1 A to 1000 A with high measurement precision and stability all over the range.
- Clamping capacity: Cable: Ø max 52 mm
Busbar: 1 busbar of 50 x 5mm / 4 busbars of 30 x 5mm



POWERCOMPACT-CL600A AC/DC Current clamp 600A

SKU No.	UPC	EAN 13
KPSPQA600ACBINT	810053673386	8435394776231

- Amperometric clamp based on Hall effect to measure AC and DC currents.
- Measured range: AC: 0,2 A up to 400A (600A peak)
DC: 0,4 A up to 600A
- Clamping capacity: 1 cable Ø 30mm or 2 cables Ø 24mm
2 busbars 31.5x10mm



ULTRAFLEX3000 AC Current clamp 3000A

SKU No.	UPC	EAN 13
KPSFLEX3000ACBINT	810053673393	8435394776248

- Equipped with automatic recognition system if used on PQA COMPACT.
- Its high flexibility allows it to be installed in the most demanding positions.
- Measured range: AC/DC: 6A up to 3000A
- Sensor lenght: 600mm



POWERCOMPACT/VTL Voltage cables

	POWERCOMPACT/VTL-R	POWERCOMPACT/VTL-B
SKU No.	KPSPQAVREDPEINT	KPSPQAVBLACKPEINT
EAN	8435394776255	8435394776262
UPC	810053673409	810053673416
Color		

	POWERCOMPACT/VTL-Y	POWERCOMPACT/VTL-BL
SKU No.	KPSPQAVYELLPEINT	KPSPQAVBLUEPEINT
EAN	8435394776279	8435394776286
UPC	810053673423	810053673430
Color		

- Flexible cables L = 1.5m; S = 2.5mm²; Max I = 36A
- With a 4mm, 90° protected blade plug connector
- 4 available colours (red,black, yellow and blue)



POWERCOMPACT/AL Alligator clips

	POWERCOMPACT/AL-R	POWERCOMPACT/AL-B
SKU No.	KPSPQAAREDPEINT	KPSPQAABBLACKPEINT
EAN	8435394776293	8435394776309
UPC	810053673447	810053673454
Color		

	POWERCOMPACT/AL-Y	POWERCOMPACT/AL-BL
SKU No.	KPSPQAAYELLPEINT	KPSPQAABBLUEPEINT
EAN	8435394776316	8435394776323
UPC	810053673461	810053673478
Color		

- Cocodrile clips with a 45mm opening (for sections up to 32mm)
- 4 available colours (red,black, yellow and blue)



POWERCOMPACT/MAGTL Magnetic captors set

SKU No.	UPC	EAN 13
KPSPQAMAGPEINT	810053673485	8435394776330

- Set of 4 magnetized measurement probes

- Hands free operating

Thanks to the magnetic termination to insert on screw terminals or metal parts (example: mini-circuit breakers, Residual current devices..etc)



POWERCOMPACT/BAT Battery pack

SKU No.	UPC	EAN 13
KPSPQABATPEINT	810053673492	8435394776347

- Set of 4 x AA NiMh 2100mAh
- High capacity rechargeable batteries that guaranties over 24h of work



POWERCOMPACT/PS External power supply

SKU No.	EAN 13
KPSPQAPOWCBINT	8435394776354

- Powerful but compact external power supply , compatible with all types of sockets (USA/JP, EU, UK, AU).
- Voltage: 100÷240Vac . Frequency: 47÷63 Hz



MULTICHECK6010

MULTICHECK6010 is a multi-function Tester for verification of electrical safety of installations according to DIN VDE 0100 and EN 61557.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.



SKU	UPC	EAN 13
KPSMF6010CBINT	810053671955	8435394776361

MAIN FEATURES

Measurement of:

- Loop resistance
- Internal network resistance
- Measurement of short circuit current
- Low resistance and continuity
- Insulation
- RCD/FI for types A, AC, B, B+, F
- TRMS Voltage, Rotary field and frequency
- Earth Resistance (optional)

SCOPE OF SUPPLY

- 1 pc. MULTICHECK6010
- 3 pcs. Test leads each 1 m
- 1 pc. Schuko-plug test cable
- 3 pcs. Test probes
- 3 pcs. Alligator clips
- 1 pc. Instruction manual
- 6 pcs. Batteries 1.5 V / AAA
- 1 pc USB cable
- External power supply
- Calibration certificate
- Carrying bag

OPTIONAL ACCESSORIES:

- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (20m/20m/5m) and 2 earth stakes

TECHNICAL DATA

Function	Test method	Range
Insulation resistance (RISO)	Voltage: 50/100/250 V	0.000 MΩ ... 199.9 MΩ
	Voltage: 500/1000 V	0.000 MΩ ... 999 MΩ
Impedance (ZL/ZLoop)	Zline L-L, L-N, Ip _{sc}	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ip _{fc}	0.00 Ω ... 9999 Ω
	Zloop L-PE, Ip _{fc} , non trip	0.00 Ω ... 9999 Ω
Earth resistance (RE) (OPTIONAL)	3-wire	0.00 Ω ... 9999 Ω
	4-wire	0.00 Ω ... 9999 Ω
	Specific earth resistance	0.00 Ω ... 9999 Ω
Continuity (RLO)	Current: 7 mA (2-wire)	0.0 Ω ... 1999 Ω
	Current: 200 mA (2-wire)	0.00 Ω ... 1999 Ω
Voltage (V)	TRMS	0 ... 550 V
	Frequency	10.0 Hz ... 499.9 Hz
Phase rotation	TRMS	50 ... 550 Vac (45 Hz ... 400 Hz)
RCD	U _c	0.0 V ... 99.9 V
	t	0.0 ms ... 500.0 ms
	I (Ramp)	0.2xIΔN ... 1.1xIΔN (AC)
		0.2xIΔN ... 1.1xIΔN (A)
		(IΔN ≥ 30 mA)
		0.2xIΔN ... 2.2xIΔN (A)
		(IΔN < 30 mA)
		0,2xIΔN ... 2,2xIΔN (B)
General	Power supply	Recharg. batteries (6 x 1.2V Ni-Mh/plug-in power supply)
	Over voltage category	600 V CAT III 300 V CAT IV
	Com Port	USB
	Data Storage	Internal memory



MULTICHECK/TBP Commander with TEST button

SKU No.	UPC	EAN 13
KPSMFPROBCBINT	810053673522	8435394776378

- This probe allows the user to activate a test remotely without using the test device.



MULTICHECK/PLT Plug test probe

	MULTICHECK / PLT-EU	MULTICHECK / PLT-US	MULTICHECK / PLT-UK
SKU No.	KPSMF PROBEUCBINT	KPSMFPRO BUSCBINT	KPSMF PROBUKCBINT
EAN	8435394776484	8435394776491	8435394776507
UPC	-	810053673959	-

- This probe allows the user test directly on the socket et



MULTICHECK/ERS Earth resistance testing set

SKU No.	UPC	EAN 13
KPSMFEARHCBINT	810053674598	8435394776385

The set contains:

- 3 pcs of test leads (20m/20m/5m)
- 2 pcs of earth stakes



THERMAL CAMERAS

The TherCam series is comprised of fully equipped infrared temperature measurement equipment. It is high-tech and easy-to-use equipment, ideal for detecting and solving problems in electrical installations, mechanical components, buildings, process equipment, HVAC / R equipment and others.

Its simple operating interface and smart button navigation will make the first time user feel like an expert.



IR RESOLUTION

120X90

Thermal Sensitivity / NETD

60 mk

IMAGE FORMAT

IR

TEMPERATURE RANGE

-10°C -150°C; 100°C-400°C;
Auto switching

BATTERY OPERATING TIME

>8 hours



TherCam 120 Thermographic camera

SKU No.	UPC	EAN 13
KPSTHERCAM120CBINT	810053672815	8435394778488

- Boot-up in 1 second: Boot up and display fully radiometric image instantly; Full screen max & min temperature alarm.
- 2.4 inch Large Display; 240x320 pixel Color LCD.
- Good-handle Buttons; Ergonomic design; Easy to operate even while wearing gloves.
- 2-hour Quick Charge USB Type-C Interface High power quick charge
- 8-hour Battery Life; Low power consumption; Large capacity battery.
- IR/Visible/Laser Indicator Pinpoint targets precisely.
- Rugged Design: 2-meter Drop Test, IP54 encapsulation.



Detector type	VOx/7.5~14μ m
IR Resolution	120X90
Thermal Sensitivity / NETD	60 mk
Field of view(FOV)	50°x 38°
Spatial Resolution(IFOV)	7.6 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	No
Focus	N/A
Visible Camera Resolution	No
Flashlight	No
Display	TFT display
Screen size	2,4"
Image Model	IR image
Color Palettes	6
Temperature Range	-10°C-150°C; 100°C-400°C; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	No
Voice record	No
Video record	No
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	No
Mobile APP	No
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>8 hours
Charging Time	≤2.5 hours
Operating Temperature	-10°C~50°C
Protection class	IP54
Drop test	2-meter drop test
Certification	CE/ROHS/FCC



IR RESOLUTION

256X192

Thermal Sensitivity / NETD

<50 mk

IMAGE FORMAT

IR/Visible/PiP

WIFI

YES

TEMPERATURE RANGE

-20°C -150°C; 100°C-650°C
Auto switching



TherCam256
Thermographic camera

SKU No.	UPC	EAN 13
KPSTHERCAM256CBINT	810053672839	8435394778525

- Friendly UI, easy to use without training.
- Affordable as entry level diagnostic tool.
- Removable Large capacity Li-ion battery, 4 hour working time.
- 3.5" large screen with no image cropping, high brightness screen to show image with no detailed information lost even outdoor or in highlight.
- Rugged and compact design, metal internal structure.
- Standard Micro USB interface for data transmission and charging.
- Optional Wi-Fi connection with notebook or mobile.



Detector type	VOx/7.5~14μ m
IR Resolution	256X192
Thermal Sensitivity / NETD	<50 mk
Field of view(FOV)	35°× 26°
Spatial Resolution(IFOV)	2,36 mrad
Frame Rate	25Hz/9Hz
Digital Zoom	x2,x4
Focus	N/A
Visible Camera Resolution	SI(640× 480)
Flashlight	Yes
Display	TFT display
Screen size	3,5"
Image Model	IR/Visible/PiP images
Color Palettes	6
Temperature Range	-20°C-150°C; 100°C-650°C; Autorange
Accuracy	2%
Measurement Spot	center, max, min
Measurement Area	3 (incl. max & min temp)
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	Yes
Storage Media	Yes
Voice record	Yes
Video record	Yes
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Tpye	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	-15°C~50°C
Protection class	IP43
Drop test	1-meter drop test
Certification	CE/ROHS/FCC



IR Resolution

384x288

Thermal Sensitivity / NETD

45mK

Image Format

IR/Visible/PiP/MiF

WIFI

YES

Temperature Range

-20°C -150°C; 100°C-650°C;
-650°C -1500°C; Auto switching

Display

LED touch screen



TherCam384

Thermographic camera

SKU No.	UPC	EAN 13
KPSTHERCAM384CBIN	810053672846	8435394778549

- 4" high light touch screen.
- Built-in illuminator: take visible photos in the low lighting environment.
- Different image type: IR, visible, MIF, PiP
- Removable SD card: up to 32G storage capacity for photos and videos compression storage.
- Wi-Fi share: share IR images and findings immediately.



Detector type	VOx/ 8~14μm
IR Resolution	384x288
Thermal Sensitivity / NETD	45mK
Field of view(FOV)	28.4°×21.5°
Spatial Resolution(IFOV)	1,29 mrad
Frame Rate	25Hz
Digital Zoom	1.1~4
Focus	Manual
Visible Camera Resolution	Yes (5M Pixels)
Flashlight	Yes
Display	highlight LED touch screen
Screen size	4"
Image Model	IR/Visible/PiP/MiF images
Color Palettes	8
Temperature Range	-20°C-150°C; 100°C-650°C; 650°C-1500°C; Autorange
Accuracy	2%
Measurement Spot	5
Measurement Area	5
Alarm	Max & Min
Auto Hot & Cold Spot Tracking	1. Max/Min temp spot of full screen 2. Max/Min temp spot of analysis object
Max/ Min temp spot of analysis object	Yes
Storage Media	In camera and TF card, JPG with temp info
Voice record	Yes
Video record	Yes
Storage Media	TF Standard (16Gb)
USB	Yes
Laser	Yes
Tripod interface	Yes
WIFI	Yes
Mobile APP	Yes
PC IR Analysis Software	Yes
Battery Type	Rechargeable Li-ion
Battery Operating Time	>4 hours
Charging Time	4 hours
Operating Temperature	-10°C~50°C
Protection class	IP54
Drop test	Shock & vibration test
Certification	CE/ROHS/FCC

FUNCTIONS	  		
	TherCam 120	TherCam 256	TherCam 384
SKU No.	KPSTHERCAM120CBINT	KPSTHERCAM256CBINT	KPSTHERCAM384CBINT
IR sensor type	VOx/7.5~14μm	VOx/7.5~14μm	VOx/ 8~14μm
IR sensor resolution	120X90	256X192	384x288
NETD (Thermal Sensitivity)	60 mk	50 mk	45mK
FOV	50°× 38°	35°× 26°	28.4°×21.5°
IFOV	7.6 mrad	2,36 mrad	1,29 mrad
Refresh rate	25Hz/9Hz	25Hz/9Hz	25Hz
Digital Zoom	NO	x2,x4	1.1~4
Focus	N/A	N/A	Manual
Visible camera Resolution	No	Yes(640× 480)	Yes (5MPixels)
Flash light	No	Yes	Yes
Screen type	TFT display	TFT display	Touch screen highlight LED
Screen Size	2,4"	3,5"	4"
Image format	IR	IR/Visible/PiP	IR/Visible/PiP/MIF
Color palettes	6	6	8
Temperature range	-10°C-150°C; 100°C-400°C; Auto switching	-20°C-150°C; 100°C-650°C; Auto switching	-20°C-150°C; 100°C-650°C; 650°C-1500°C; Auto switching
Precision	2%	2%	2%
Temperature points	center, max, min	center, max, min	5
Temperature areas	3(incl. max & min temp)	3(incl. max & min temp)	5
Temperature alarms	Max & Min	Max & Min	Max & Min
Hot and cold spot tracking	Yes	Yes	Yes
Max points / Min temp spot of object	Yes	Yes	Yes
Image storage	No	Yes	In camera and TF card, JPG with temp info
Voice recording	No	Yes	Yes
Video recording	No	Yes	Yes
Memory card	TF Standard (16Gb)	TF Standard (16Gb)	TF Standard (16Gb)
USB	Yes	Yes	Yes
Laser	Yes	Yes	Yes
Tripod Interface	Yes	Yes	Yes
Wifi	No	Yes	Yes
APP	No	Yes	Yes
PC software	Yes	Yes	Yes
Battery Type	Li-ion rechargeable	Li-ion rechargeable	Li-ion rechargeable
Battery life (continuous mode)	>8 hours	>4 hours	>4 hours
Charging time	≤2.5 hours	4 hours	4 hours
Operating temperature	-10°C~50°C	-15°C~50°C	-10°C~50°C
IP	IP54	IP43	IP54
Drop Test	2m drop test	1m drop test	Shock and vibration tests
Certifications	CE/ROHS/FCC	CE/ROHS/FCC	CE/ROHS/FCC

EARTH RESISTANCE TESTERS



The new KPS earth meters are professional equipments that allow the resistance of earthing to be checked using 2 or 3-pole methods according to the European standard EN61557-5.

In addition, these equipments allow the preliminary voltage verification of the grounding, verifying that there are no dangerous voltages for the user.



VOLTAGE
0-200VAC

RESISTANCE
0,01~4,00 KΩ



KPS-TL300 Earth resistance tester

SKU No.	UPC	EAN 13
KPSTL300CBINT	810053670316	8435394747309

- Earth resistance tester.
- 2-pole or 3-pole measurement method.
- Earth voltage measurement.
- Continuity test.
- MAX/MIN/AVG values. Relative resistance measurement.
- Data Hold.
- Auto-off display backlight and low battery display.
- CAT. III 300V according to EN 61010.



VOLTAGE
0-200VAC

RESISTANCE
0-2000Ω



KPS-TL320. Earth resistance tester

SKU No.	UPC	EAN 13
KPSTL320CBINT	810053670323	8435394747316

- Earth resistance tester
- 2-pole or 3-pole measurement method
- Earth voltage measurement
- 0Ω adjustment.
- Data hold
- Low battery display
- CAT. IV 200V according to EN 61010



JAW OPENING
45mm x 32mm /
1.8" x 1"

CURRENT
0-20A

RESISTANCE
0-1200Ω



KPS-TLP100. Earth resistance clamp meter

SKU No.	UPC	EAN 13
KPSTLP100CBINT	810053670330	8435394774664

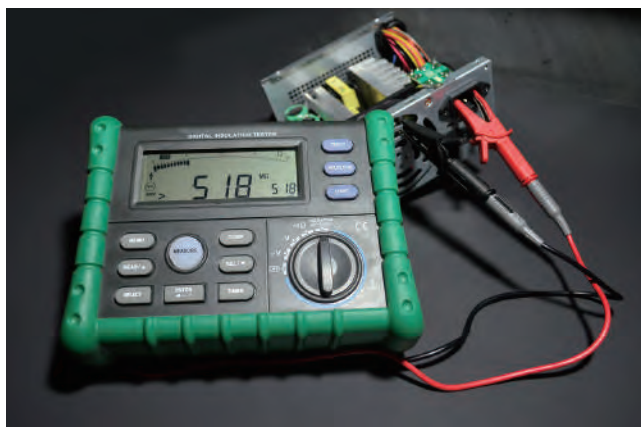
- Earth resistance and leakage current tester
- Measuring the earth resistance safely and easily by clamping the ground line
- Setting alarm threshold
- Data hold and data register
- Auto range and low battery display
- CAT. III 150V according to EN 61010



INSULATION TESTERS

Insulation is a safety element that has the purpose of avoiding contact with live parts. Therefore, the insulation test reveals possible failures caused by contamination, humidity, deterioration of the insulation material, etc.

KPS insulation meters allow insulation tests to be carried out with voltages up to 1kV and 5 kV respectively.



KPS-MA100 Insulation tester up to 1kV

SKU No.	UPC	EAN 13
KPSMA100CBINT	810053670347	8435394747323

- Insulation tester (50V, 100V, 250V, 500V and 1000V)
- DAR/PI calculation
- Programmable timer
- MAX/MIN/AVG values. Relative measurement
- Compare function
- Data register
- DC/AV voltage and resistance measurement
- Continuity test
- Auto-off display backlight and low battery display
- CAT III 1000V, CAT IV 600V according to EN 61010



RESISTANCE
5TΩ

VOLTAGE DC 1000V
AC 750V

LEAK CURRENTS
300 mA

KPS-MA500

Insulation tester up to 5kV

SKU No.	UPC	EAN 13
KPSMA500CBINT	810053670354	8435394747330

- Insulation tester up to 5 KV with adjustable test voltage in 25V or 100V steps
- DAR/PI calculation
- Step voltage test
- Temperature compensation
- Compare function
- Data register and PC software for downloading the results
- DC/AV voltage measurement
- CAT. III 1000V/CAT. IV 600V according to EN 61010





INSUTEST10000

The INSUTEST10000 is a small and light 10 kV insulation resistance tester for the diagnostic testing and maintenance of high voltage electrical equipment, cables, generators, circuit breakers, motors...etc



SKU No.	UPC	EAN 13
KPSINSUTEST10000CBINT	810053671276	8435394776408

MAIN FEATURES

- 2 Lines × 16 Characters LCD
- Microprocessor-controlled
- Tests insulation resistance up to 20 TΩ
- 4 Insulation test voltages: 1000V, 2500V, 5000V, 10000V
- AC / DC Voltmeter (30~600V)
- Auto-ranging on all insulation ranges
- Auto-discharge function
- Well isolated from contact
- Well protected from surges
- 2 built-in optical LEDs for data transfer
- Visual and audio warning of external voltage presence ($\geq 30V_{ac}$ or $\geq 30V_{dc}$)
- Auto-hold function to freeze reading
- Overload protection
- Adjustable testing duration: 1~30 minutes
- Internal memory for data storage
- Displays testing duration for insulation measurement
- Auto-off function
- 200 measurement results can be saved in memory and recalled on display
- Optical USB to RS-232 data transmission

Data Communication Function with measurement storage and PC interface

- Data can be downloaded and saved to a PC.
- Data can also be transferred to a PC for real-time display.
- 200 measurement results can be saved in the memory and recalled on the display.



RISO	VOLTAGE
Test voltages: 1kV, 2.5kV, 5kV, 10kV	VAC: 30~600V (50/60Hz)
Ratio: 0~20TΩ	VDC: 30~600V
RATIOS	CURRENT
PI (Polarization index) DAR (Dielectric Absorption)	Current: 0.5nA ~ 0.55mA

TECHNICAL DATA

Function	Range
Test Voltage	1000V, 2500V, 5000V, 10000V
Insulation resistance	2TΩ / 1000V 5TΩ / 2500V 10TΩ / 5000V 20TΩ / 10000V
Resolution	1000MΩ: 1MΩ 10GΩ: 0.01GΩ 100GΩ: 0.1GΩ 1TΩ: 1GΩ 10TΩ: 10GΩ 20TΩ: 100GΩ
Short Circuit Current	Up to 5mA
PI (Polarization Index)	Yes
DAR (Dielectric Absorption Ratio)	Yes
Voltmeter	ACV: 30~600V (50/60Hz) DCV: 30~600V Resolution: 1V
Current measurement	0.5nA ~ 0.55mA (Depending on the insulation Resistance)
General Features	
Power source	1.5V "C" × 8 Alkaline Batteries
Dimensions	330 (L) × 260 (W) × 160 (D) mm
Weight	Approx. 4284g (battery included)
Safety standard	EN 61010-1 CAT IV 600V EN 61010-2-030 EN 61326-1
Accessories	• Instruction manual • Test leads • Data transmission cable CA-232 • Alligator clips • Batteries • Calibration certificate



DIGITAL CLAMP METERS

When the professional wants to perform current measurements quickly and easily, the ideal instrument is the clamp meter. This instrument allows, without the need to disconnect the circuit to be measured, to carry out the appropriate measurements with high precision. To measure current, the cable is clamped with the clamp jaw.

KPS has developed a range of clamp meters for specific applications, which cover the requirements for the professionals working on industrial, HVAC and solar sectors.

NEW

PV Test Leads



JAW SIZE (MAX)

Ø37mm / 1.5"

VOLTAGE

DC 2000V
AC 1500V

CURRENT

DC 600A
AC 600A



CE

UK
CA



DCM8500PV
Solar Clamp Meter

SKU No.	UPC	EAN 13
KPSDCM8500PVCBINT	810053676608	8435394784694

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Non contact Voltage
- Datalogging (4000 records)
- High Frequency Rejection function
- Low-pass filter
- Low current measurements (microamps)
- Inrush current
- Resistance, capacitance and Temperature measurements
- MAX/MIN/REL
- Torch
- Bluetooth connectivity

NEW

PV Test Leads



JAW SIZE (MAX)

Ø42mm / 1.7"

VOLTAGE

DC 2000V
AC 1500V

CURRENT

DC 1500A
AC 1500A



CE

UK
CA



DCM8700PV
Solar Clamp Meter

SKU No.	UPC	EAN 13
KPSDCM8700PVCBINT	810053677704	8435394787213

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Non contact Voltage
- Datalogging (4000 records)
- High Frequency Rejection function
- Low-pass filter
- Low current measurements (microamps)
- Inrush current
- Resistance, capacitance and Temperature measurements
- MAX/MIN/REL
- Torch
- Bluetooth connectivity

NEW

JAW SIZE (MAX)

Ø37mm / 1.5"

VOLTAGE DC 1000V
AC 1000V

CURRENT AC 600A



DCM7000BT

Bluetooth HVAC AC Clamp meter

SKU No.	UPC	EAN 13
KPSDCM7000BTCBINT	810053676592	8435394784687

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Low impedance mode measurements
- High frequency rejection function
- Low current measurements (microamps)
- NCV
- AC current (600A)
- Inrush current measurements
- Resistance, capacitance, and Temperature measurements
- MAX/MIN values, and relative measurements
- Torch

NEW

JAW SIZE (MAX)

Ø37mm / 1.5"

VOLTAGE DC 1000V
AC 1000VCURRENT DC 600A
AC 600A

DCM8000BT

Bluetooth HVAC AC/DC Clamp meter

SKU No.	UPC	EAN 13
KPSDCM8000BTCBINT	810053677759	8435394787268

- True Root Mean Square (TRMS) measurement
- 6000 counts
- Low impedance mode measurements
- AC /DC currents (600A)
- High Frequency rejection function
- Low current measurements (microamps)
- NCV
- Inrush current measurements
- Resistance, capacitance, and Temperature measurements
- MAX/MIN values, and relative measurements
- Torch

NEW

JAW SIZE (MAX)

Ø33mm / 1.3"

VOLTAGE DC 1000V
AC 1000V

CURRENT AC 600A



DCM5000PW

AC Power clamp meter

SKU No.	UPC	EAN 13
KPSDCM5000PWCBINT	810053676875	8435394786292

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- High Frequency Rejection
- Phase rotation
- Harmonics, power, power factor measurements
- Capacitance, Frequency and resistance measurements
- Bluetooth connectivity

NEW

JAW SIZE (MAX)

Ø33mm / 1.3"

VOLTAGE DC 1000V
AC 1000VCURRENT DC 600A
AC 600A

DCM6000PW

AC/DC Power clamp meter

SKU No.	UPC	EAN 13
KPSDCM6000PWCBINT	810053676882	8435394786308

- True Root Mean Square (TRMS) measurement
- 10000 counts
- Auto store
- Datalogging (9999 records)
- Inrush current
- High Frequency Rejection
- Phase rotation
- AC+DC current and voltage measurements
- Harmonics, power, power factor measurements
- Capacitance, frequency and resistance measurements
- Bluetooth connectivity

NEW



JAW SIZE (MAX)

Ø40mm / 1.6"

CURRENT AC 60A



DCM300LEAK Bluetooth True RMS Leakage Clamp Meter

SKU No.	UPC	EAN 13
KPSDCM300LEAKCBINT	810053676851	8435394786254

- True RMS reading
- 6000 counts
- High Frequency Rejection (selectable: 50Hz-60Hz & 1KHz)
- AC 60 Amps capability
- HOLD
- MAX/MIN values
- Torchlight
- 0.001mA of resolution
- Bluetooth connectivity

NEW



JAW SIZE (MAX)

Ø20mm / 0.8"

VOLTAGE DC 1000V

AC 1000V

CURRENT DC 100A

AC 100A



DCM400LEAK mini current clamp-on meter

SKU No.	UPC	EAN 13
KPSDCM400LEAKCBINT	810053677711	8435394787220

- True RMS measurements
- 6000 counts
- Resistance measurement
- High Frequency Rejection
- HOLD
- MAX/MIN values
- ZERO function
- Torch
- DC/AC 1mA resolution
- Smart Data Hold

NEW



JAW SIZE (MAX)

Ø22mm / 0.9"

CURRENT DC 300A

AC 300A



DCM200MINI Mini DC/AC clamp meter

SKU No.	UPC	EAN 13
KPSDCM200MINICBINT	810053677728	8435394787237

- True-RMS
- 6000 count large scale LCD display with backlit
- 10mA Resolution
- Inrush Current Measurement
- 1.5% basic DCA/ACA accuracy
- Pocket size Current Meter
- NCV detection
- Low pass filter
- HOLD
- ZERO function

NEW



JAW SIZE (MAX)

Ø16mm / 0.6"

VOLTAGE DC 1000V

AC 1000V

CURRENT AC 200A



DCM1500JW digital clamp meter with open jaw

SKU No.	UPC	EAN 13
KPSDCM1500JWCBINT	810053677735	8435394787244

- True RMS reading on AC mode
- Auto Selection on ACV, DCV, 2, ACA, Diode and Continuity
- 10000 count digital display with backlit
- Smart Data Hold
- 0.3% basic DCV accuracy
- Max conductor size: 16mm diameter

NEWJAW SIZE (MAX)
Ø40mm / 1.6"
with worklightVOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A



Intertek



Made in Europe

DCM3000 TRMS clamp meter 1000AC

SKU No.	UPC	EAN 13
KPSDCM3000CBINT	810053671962	8435394777696

- AC/DC Voltage, AC current and resistance measurements
- True Root Mean Square (TRMS) measurement
- Continuity buzzer and diode test
- Non-Contact Voltage detection
- Autoranging
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to E N 61010

NEWJAW SIZE (MAX)
Ø40mm / 1.6"
with worklightVOLTAGE DC 1000V
AC 750V

CURRENT AC 1000A



Intertek



Made in Europe

DCM3500T TRMS clamp meter 1000 AC with temperature

SKU No.	UPC	EAN 13
KPSDCM3500TCBINT	810053671979	8435394777702

- AC/DC Voltage, AC current, resistance, frequency, capacitance and temperature measurements
- True Root Mean Square (TRMS) measurement
- Continuity buzzer and diode test
- Non-Contact Voltage detection
- Autoranging
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010

NEWJAW SIZE (MAX)
Ø40mm / 1.6"
with worklightVOLTAGE DC 1000V
AC 750VCURRENT DC 1000A
AC 1000A

Intertek



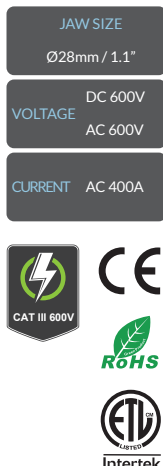
Made in Europe

DCM4000T TRMS clamp meter 1000A ACDC with temperature

SKU No.	UPC	EAN 13
KPSDCM4000TCBINT	810053671986	810053671986

- AC/DC Voltage, AC/DC current, resistance, frequency, capacitance and temperature measurements
- True Root Mean Square (TRMS) measurement
- Continuity buzzer and diode test
- Non-Contact Voltage detection
- Autoranging
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010

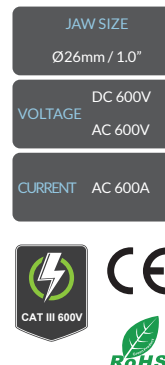




KPS-PA420 MINI
Mini digital clamp meter

SKU No.	UPC	EAN 13
KPSPA420MINICBINT	810053670149	8435394747194

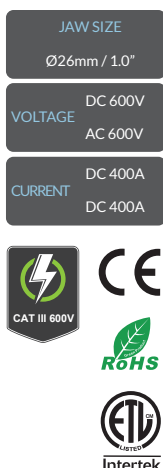
- Mini digital clamp meter
- AC/DC voltage, AC current and resistance measurement
- Diode check and continuity buzzer
- Data hold
- Low battery display
- CAT III 600V according to EN 61010



KPS-PA20 MINI
Mini digital clamp meter

SKU No.	UPC	EAN 13
KPSPA20MINICBINT	810053670163	8435394710150

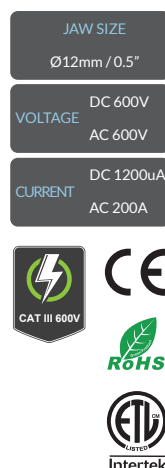
- Mini digital clamp meter
- Display: 4000 counts
- AC/DC voltage, AC current
- Resistance (40MΩ), frequency, duty cycle and capacitance (100μF) measurement
- Temperature measurement from -20°C to +750°C
- Autoranging
- Diode check and continuity buzzer
- Data hold
- Auto-off, display backlight and low battery display
- CAT III 600V according to EN61010



PA430 MINI
digital clamp meter

SKU No.	UPC	EAN 13
KPSPA430MINICBINT	810053670170	8435394747651

- Mini digital clamp meter
- AC/DC voltage, AC/DC current
- Display: 4000 counts
- Resistance (40MΩ), capacitance (4000μF) and frequency (10MHz) measurement
- Continuity buzzer and diode test
- MAX/MIN values. Relative measurements
- Data hold
- Autoranging, auto-off, work light and low battery display
- CAT III 600V according to EN 61010



KPS-PA440 Digital clamp meter with open jaw

SKU No.	UPC	EAN 13
KPSPA440CBINT	810053670217	8435394747231

- Auto range. Power overload protection
- Maximum voltage between circuit and ground:1000V AC/DC
- Display: 6000 counts.
- Auto Ranging. Auto Power Off
- Non-Contact Voltage Detector. Diode test: 3.2V
- Continuity Buzzer: <50Ω
- Data Hold. Work Light
- Display Backlight
- Low Battery Display
- CAT.III 6000V according to EN 61010



KPS-PA900 MINI
Mini digital clamp meter

SKU No.	UPC	EAN 13
KPSPA900MINICBINT	810053670200	8435394747224

- Mini digital clamp meter
- Display Counts: 6000
- Dual reading
- Auto Range
- No-contact voltage measurement.
- True RMS. Continuity: <40Ω
- Max/Min. Data A-Hold
- Auto Power Off.
- Low Bat. Display
- Display Backlight
- Worklight
- CAT III 600V according to EN 61010



KPS-PA10
Digital clamp meter

SKU No.	UPC	EAN 13
KPSPA10CBINT	810053670156	8435394710143

- Digital clamp meter
- Display counts: 2000
- DC/AC voltage, AC current and resistance (2MΩ) measurement.
- Continuity buzzer and diode test.
- Data hold.
- Display backlight.
- Low battery display.
- CAT. II 1.000V, CAT. III 600V according to EN 61010.



KPS-PA700
TRMS digital clamp meter

SKU No.	UPC	EAN 13
KPSPA700CBINT	810053670187	8435394747200

- TRMS digital clamp meter
- Display counts: 6600
- AC/DC voltage, AC current, resistance, frequency and temperature measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detection
- MAX/MIN values.
- Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CAT.III1000 V/ CAT IV 600V according to EN 61010



KPS-PA720
TRMS digital clamp meter

SKU No.	UPC	EAN 13
KPSPA720CBINT	810053670194	8435394747217

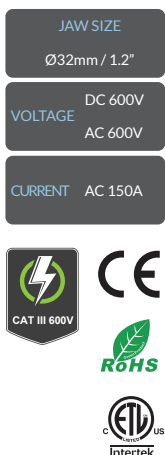
- TRMS digital clamp meter
- Display counts: 6000
- AC/DC voltage, AC/DC current, inrush current, resistance and frequency measurement
- TRMS measurement
- Diode check and continuity buzzer
- Non-contact voltage detector
- MAX/MIN values. Relative measurement
- Data hold
- Auto range, auto-off, display backlight, worklight and low battery display
- CAT. 111 1000V + CAT. IV 600V according to EN 61010



KPS-PF10 Leakage clamp meter

SKU No.	UPC	EAN 13
KPSPF10CBINT	810053670224	8435394710181

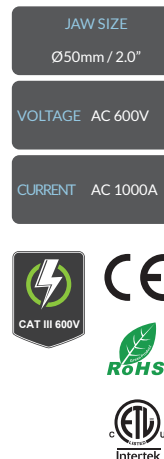
- Three manually selectable scales: 2mA/20mA/60A.
- Minimum resolution of 0,001mA
- Data hold
- Low battery display
- 2000 counts
- CAT.III 600V according to EN61010.



KPS-PF740 Leakage clamp meter

SKU No.	UPC	EAN 13
KPSPF740CBINT	810053670248	8435394747248

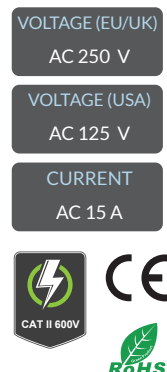
- Leakage clamp meter with current scales: 4mA/40mA/400mA/4 A/ 40 A/ 150 A.
- Minimum resolution of 0,001 mA.
- Low pass filter function.
- DC/AC current, AC current, resistance (40MΩ), capacity (40μF) and temperature (0°C to +1000°C).
- TRMS measurement.
- Diode check and continuity test.
- MAX/MIN values.
- Data hold.
- Auto range, Low battery display and AutoOFF
- CAT. III 600V according to EN 61010.



KPS-PW300 Three phase power clamp meter

SKU No.	UPC	EAN 13
KPSPW300CBINT	810053670231	8435394774732

- Power clamp meter: active power, reactive power, apparent power, power factor and harmonic measurements.
- Display: 6000 counts.
- AC/DC voltage, AC current and frequency measurement.
- TRMS measurements.
- Dat logging: 100 groups.
- MAX/MIN values.
- Data Hold.
- Autoranging, auto-off, display backlight and low battery display.
- RS232 interface.
- CAT. III 1000V according to EN 61010



KPS-SL100 AC line splitter

Article	KPS-SL100	KPS-SL100UK	KPS-SL100US
SKU No.	KPSSL100CBINT	KPSSL100UKCBINT	KPSSL100USCBINT
EAN	8435394747484	8435394776477	8435394776446
UPC	-	-	810053670583



FUNCTIONS							
	DCM200MINI	KPS- PA420 MINI	KPS- PA20 MINI	KPS- PA430 MINI	KPS- PA900 MINI	DCM1500JW	KPS- PA440
SKU NO.	KPSDCM 200MINICBINT	KPSPA420 MINICBINV	KPSPA20 MINICBINT	KPSPA430 MINICBINT	KPSPA900 MINICBINT	KPSD CM 1500JWCBINT	KPSPA440 CBINT
True RMS measurements	√	-	-	√	√	-	√
Altern current, up to	300A	400A	600A	400A	600A	200A	200A
Direct current, up to	300A	-	-	400A	-	-	1000μF
Altern voltage, up to	-	600V	600V	600V	600V	1000V	600V
Direct voltage, up to	-	600V	600V	600V	600V	1000V	600V
Counts	6000	2000	4000	4000	6000	10000	6000
Resistance, up to	-	-	-	40MΩ	10MΩ	10kΩ	60MΩ
Frequency, up to	-	-	10kHz	1kHz	3kHz	-	60MHz
Temperature, up to	-	-	750°C	-	-	-	400°C
Continuity test	-	√	√	√	√	-	√
Diode test	-	√	√	√	-	√	√
Capacitance, up to	-	-	100μF	-	-	-	60mF
Non-contact voltage detection	√	√	√	√	√	√	√
Inrush current	√	-	-	-	-	-	-
Low pass filter	√	-	-	-	-	√	-
Power measurements (W, VA, VAR, PF)	-	-	-	-	-	-	-
Harmonic measurements	-	-	-	-	-	-	-
Data hold	√	-	-	-	-	√	-
Relative measurements	-	-	-	√	-	-	-
MAX/MIN values	-	-	-	√	√	-	-
Autoranging	-	-	√	√	√	-	√
Jaw size	22 mm	28 mm	26 mm with worklight	26 mm with worklight	26 mm with worklight	16 mm	12 mm with worklight
Auto off	√	-	√	√	√	√	√
Backlight display	-	-	√	√	√	-	√
Low battery display	√	√	√	√	√	√	√
Connectivity	-	-	-	-	-	-	-
Data logging	-	-	-	-	-	-	-
Category according to EN61010	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT III 600V

FUNCTIONS						
	KPS-PA10	KPS-PA700	KPS-PA720	DCM3000	DCM3500T	DCM4000T
SKU NO.	KPSPA 10 CBINT	KPSPA700 CBINT	KPSPA720 CBINT	KPSDCM 3000CBINT	KPSDC M3500TCBINT	KPSDC M4000TCBINT
True RMS measurements	√	√	√	√	√	√
Altern current, up to	1000A	1000A	1000A	1000A	1000A	1000A
Direct current, up to	-	-	1000A	-	-	1000A
Altern voltage, up to	750V	750V	750V	750V	750V	750V
Direct voltage, up to	1000V	1000V	1000V	1000	1000	1000
Counts	2000	6600	6000	6000	6000	6000
Resistance, up to	2kΩ	66MΩ	60MΩ	20MΩ	20MΩ	20MΩ
Frequency, up to	-	66MHz	10MHz	-	59,99KHz	59,99KHz
Temperature, up to	-	1000°C	-	-	760°C	760°C
Continuity test	√	√	√	√	√	√
Diode test	√	√	√	√	√	√
Capacitance, up to	-	66mF	100mF	-	6mF	6mF
Non-contact voltage detection	√	√	√	√	√	√
Inrush current	-	-	√	-	-	-
Low pass filter	-	-	-	-	-	-
Power measurements (W, VA, VAR, PF)	-	-	-	-	-	-
Harmonic measurements	-	-	-	-	-	-
Data hold	-	√	√	√	√	√
Relative measurements	-	√	√	√	√	√
MAX/MIN values	-	√	√	√	√	√
Autoranging	-	√	√	√	√	√
Jaw size	42 mm	40 mm with worklight	40 mm with worklight	40 mm with worklight	40 mm with worklight	40 mm with worklight
Auto off	-	√	√	√	√	√
Backlight display	√	√	√	√	√	√
Low battery display	√	√	√	√	√	√
Connectivity	-	-	-	-	-	-
Data logging	-	-	-	-	-	-
Category according to EN61010	CAT II 1000V CAT III 600V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V

FUNCTIONS				
	DCM8500PV	DCM8700PV	DCM7000BT	DCM8000BT
SKU NO.	KPSDCM 8500PVCBINT	KPSDCM 8700PVCBINT	KPSDCM 7000BTCBINT	KPSDCM 8000BTCBINT
True RMS measurements	√	√	√	√
Altern current, up to	600A	1500A	600A	600A
Direct current, up to	600A	1500A	-	600A
Altern voltage, up to	1500V	1500V	1000V	1000V
Direct voltage, up to	2000V	2000V	1000V	1000V
Counts	6000	6000	6000	6000
Resistance, up to	600kΩ	600kΩ	600kΩ	600kΩ
Frequency, up to	10KHz	10KHz	10KHz	10KHz
Temperature, up to	400°C	400°C	400°C	-
Continuity test	√	√	√	√
Diode test	√	√	√	√
Capacitance, up to	1000μF	1000μF	1000μF	1000μF
Non-contact voltage detection	√	√	√	√
Inrush current	√	√	√	√
Low pass filter	√	√	√	√
Power measurements (W, VA, VAR, PF)	-	-	-	-
Harmonic measurements	-	-	-	-
Data hold	√	√	√	√
Relative measurements	-	-	-	-
MAX/MIN values	√	√	√	√
Autoranging	√	√	√	√
Jaw size	37 mm	42 mm	37 mm	37 mm
Auto off	√	√	√	√
Backlight display	√	√	√	√
Low battery display	√	√	√	√
Connectivity	Bluetooth	Bluetooth	Bluetooth	Bluetooth
Data logging	√	√	√	√
Category according to EN61010	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V

FUNCTIONS							
	KPS- PF10	KPS- PF740	DCM300LEAK	DCM400LEAK	KPS- PW300	DCM5000PW	DCM6000PW
SKU NO.	KPSPF10 CBINT	KPSPF740 CBINT	KPSDCM 300LEAKCBINT	KPSDCM 400LEAKCBINT	KPSPW300 CBINT	KPSDCM 5000PWCBINT	KPSDCM 6000PWCBINT
True RMS measurements	√	√	-	-	√	√	√
Altern current, up to	60A	150A	60A	-	1000A	600A	600A
Direct current, up to	-	-	-	-	-	600A	600A
Altern voltage, up to	-	600V	-	1000	600V	1000V	1000V
Direct voltage, up to	-	600V	-	1000	-	1000V	1000V
Counts	2000	4000	6000	6000	6000	10000	10000
Resistance, up to	-	40MΩ	-	40MΩ	-	100kΩ	100kΩ
Frequency, up to	-	-	10KHz	50KHz	1kHz	10KHz	10KHz
Temperature, up to	-	1000°C	-	-	-	-	-
Continuity test	-	√	-	√	-	√	√
Diode test	-	√	-	√	-	√	√
Capacitance, up to	-	40mF	-	-	-	3999μF	3999μF
Non-contact voltage detection	√	√	√	√	√	-	√
Inrush current	-	-	-	-	-	√	√
Low pass filter	√	√	√	√	-	-	-
Power measurements (W, VA, VAR, PF)	-	-	-	-	√	√	√
Harmonic measurements	-	-	-	-	√	√	√
Data hold	-	√	AC	√	√	√	√
Relative measurements	-	-	-	-	-	-	-
MAX/MIN values	-	√	√	√	-	√	√
Autoranging	-	√	√	√	√	√	√
Jaw size	31 mm	30 mm	42 mm	21 mm	50 mm	33 mm	33 mm
Auto off	√	√	√	√	√	√	√
Backlight display	-	-	√	√	√	√	√
Low battery display	√	√	√	√	√	√	√
Connectivity	-	-	Bluetooth	-	RS232	Bluetooth	Bluetooth
Data logging	-	-	-	-	√	√	√
Category according to EN61010	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 300V CAT III 600V CAT II 1000V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V



FLEXIBLE CURRENT PROBE METER

Perform current measurements on electrical busbars using the flexible probe.

Benefit from all the useful functions: current measurement up to 3000A AC, voltage measurement up to 1000V AC / DC, frequency measurement, resistance and continuity measurement with buzzer.

NEW



CURRENT AC 3000A



CE
UK
CA



DCM4010FLEX
Flexible current probe meter

SKU No.	UPC	EAN 13
KPSDCM4010FLEXCBINT	810053676615	8435394784700

- True RMS readings
- AC 3000A Capability with 10 inch (25cm) head cable length
- 3000 count large scale LCD display with backlit
- Data Hold
- Auto Ranging
- Low Battery Indicator

NEW



VOLTAGE
DC 1000V
AC 1000V



CE
UK
CA



DCM4018FLEX
Bluetooth All in One Flexible
Current Probe Meter

SKU No.	UPC	EAN 13
KPSDCM4018FLEXCBINT	810053677766	8435394787275

- True RMS reading on ACA/ACV
- 10,000 counts LCD dual digital backlight display
- Fully automatic measuring on AC current, AC/DC voltage, Resistance and Frequency
- AC 3000A Capability with 18 inch (45cm) head cable length
- Current AC3000A
- Bluetooth connectivity

NEW



CURRENT AC 3000A



DCM3010FLEX

Flexible current probe meter

SKU No.	UPC	EAN 13
KPSDCM3010FLEXCBINT	810053676912	8435394786391

- AC 3000A Capability with 10 inch (25cm) head cable length
- Slide switch to change range Voltage output to universal voltage meters
- 7.5mm coil diameter for tight space measurement
- 2-meter extension cable Low Batt.
- LED indicator Ergonomically designed one-hand operation

NEW



CURRENT AC 3000A



DCM3018FLEX

Flexible current probe meter

SKU No.	UPC	EAN 13
KPSDDCM3018FLEXCBINT	810053676929	8435394786407

- AC 3000A Capability with 10 inch (25cm) head cable length
- Slide switch to change range Voltage output to universal voltage meters
- 7.5mm coil diameter for tight space measurement
- 2-meter extension cable Low Batt.
- LED indicator Ergonomically designed one-hand operation

FUNCTIONS	   			
	DCM4010FLEX	DCM4018FLEX	DCM3010FLEX	DCM3018FLEX
SKU NO.	KPSDCM4010FLEXCBINT	KPSDCM4018FLEXCBINT	KPSDCM3010FLEXCBINT	KPSDCM3018FLEXCBINT
TRMS	✓	✓	✓	✓
Display	3,000 counts	10,000 counts	-	-
Auto Power Off	✓	✓	-	-
Backlight	✓	✓	-	-
Data Hold	✓	✓	-	-
AC Current	30A / 300A / 3000A	30A / 300A / 3000A	30A / 300A / 3000A	30A / 300A / 3000A
AC Voltage	-	1000V	-	-
DC Voltage	-	1000V	-	-
Resistance	-	1000Ω	-	-
Connectivity	-	Bluetooth	-	-
Frequency Response	45 - 500Hz	45 - 500Hz	45 - 500Hz	45 - 500Hz
Category according to EN61010	CAT. IV 600V CAT. III 1000V	CAT. IV 600V CAT. III 1000V	CAT. IV 600V CAT. III 1000V	CAT. IV 600V CAT. III 1000V



DIGITAL MULTIMETERS

The multimeter is the basic instrument of any electrical professional. By digitizing the signals measured through the test leads, digital equipment is capable of transforming current and / or voltage values into numerical values that are displayed on the screen.

The development of multimeters with the most modern technologies, incorporating the SMART function or communication with Android and iOS devices, facilitates measurement, avoiding errors, and recording the data obtained.

NEW





VOLTAGE

DC 1000V
AC 1000V

CURRENT

DC 10A
AC 10A



Intertek

DMM3500BT
bluetooth DMM

SKU No.	UPC	EAN 13
KPSDMM3500BTCBINT	810053676899	8435394786384

- True RMS measurements
- 6000 counts
- 10A AC/DC measurement
- Capacitance, Temperature, Frequency, Micro Ampere measurements
- High Frequency rejection
- Low Impedance mode
- Non Contact Voltage Detection
- Data logging/Manual save up to 4000 records
- MIN/MAX values
- Relative function
- Bluetooth Connectivity

NEW





VOLTAGE

DC 2000V
AC 1500V

CURRENT

DC 10A
AC 10A



Intertek

DMM4500PV
bluetooth DMM

SKU No.	UPC	EAN 13
KPSDMM4500BTCBINT	810053676639	8435394784724

- Suitable for Industrial or Solar applications
- True RMS measurements
- 6000 counts
- 10A AC/DC measurement
- Capacitance, Temperature, Frequency
- High Frequency rejection
- Non Contact Voltage Detection
- Data logging/Manual save up to 4000 records
- MIN/MAX values
- Relative function
- Bluetooth Connectivity

NEW



VOLTAGE
DC 1000V
AC 1000V

CURRENT
DC 10A
AC 10A



DMM3000 true RMS multimeter

SKU No.	UPC	EAN 13
KPSDMM3000CBINT	810053676936	8435394786421

- True RMS measurements
- 6000 counts
- 0.5% VDC accuracy
- 10A AC/DC measurement
- Resistance, Capacitance, Frequency measurements
- Low Impedance mode
- Non Contact Voltage Detection
- Hold
- Relative function



VOLTAGE
DC 600V
AC 600V

CURRENT
AC 200mA
DC 400mA



KPS-MT460 Pen-Type Digital Multimeter with NCV

SKU No.	UPC	EAN 13
KPSMT460CBINT	810053670132	8435394747170

- Pen-Type Digital Multimeter.
- 2000 counts.
- DC/AC voltage, DC/AC current and resistance (20MΩ) measurement.
- Non-contact voltage detector
- Diode test. Continuity Buzzer
- Logic level test.
- Maximum values.
- Data hold.
- Auto range, auto-off and low battery display
- CAT. III 600V according to EN 61010.

NEW



VOLTAGE
DC 1000V
AC 1000V

CURRENT
DC 10A
AC 10A



DMM9000BT High precision True-RMS Logging Multimeter

SKU No.	UPC	EAN 13
KPSDMM9000BTCBINT	810053676646	8435394784731

- True RMS reading on AC and AC+DC mode
- 40,000 count digital display and 43 segment analog display
- Large white LED backlight display
- Auto Backlight, Dual display
- AC, DC and AC+DC measurements on Voltage & Current mode with Frequency indication
- 0.03% DCV accuracy
- Auto Store up to 1,000 registers
- Data Logging up to 40,000 records
- LoZ for prevent false reading from ghost voltage
- Auto Fuse Detector
- On-Screen-Menu Selection
- High Frequency Rejection
- Min/Max/Avg
- Relative/% Function
- Auto Hold/Peak Hold
- Continuity Check/Beeper
- Bluetooth connectivity



VOLTAGE
DC 600V
AC 600V

CURRENT
AC 400mA
DC 400mA



KPS-MT10 Pocket size digital multimeter

SKU No.	UPC	EAN 13
KPSMT10CBINT	810053673546	8435394710235

- Pocket size digital multimeter.
- Display: 4000 counts
- Diode check and continuity buzzer
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF) and frequency (100kHz) measurement.
- Data hold.
- Auto range, auto-off and low battery display.
- CAT. III 300V / CAT. II 600V according to EN 61010.



VOLTAGE DC 600V
AC 600V

CURRENT DC 10A



KPS-MT70
Pocket size digital multimeter

SKU No.	UPC	EAN 13
KPSMT70CBINT	810053673553	8435394774671

- Pocket size digital multimeter.
- Display: 6000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.
- Diode check and continuity buzzer
- TRMS measurements.
- Non-contact voltage detection (NCV)
- Battery tester.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- CAT. III 600V according to EN 61010.



VOLTAGE DC 600V
AC 600V

CURRENT AC 10A
DC 10A



KPS-MT420
Digital multimeter

SKU No.	UPC	EAN 13
KPSMT420CBINT	810053673577	8435394747095

- Digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance (20MΩ) and temperature (-20°C to 1000°C) measurement.
- Battery tester (1,5V/9V/12V).
- Diode check and continuity buzzer
- Data hold.
- Auto-off, display and low battery display
- CAT.III 600V according to EN 61010.



VOLTAGE DC 600V
AC 600V

CURRENT DC 10A



KPS-MT30
Digital multimeter

SKU No.	UPC	EAN 13
KPSMT30CBINT	810053673560	8435394710228

- Digital multimeter.
- Display: 2000 counts
- DC/AC voltage, DC/AC current and resistance (2MΩ) measurement.
- Diode check and continuity buzzer
- Data hold.
- Low battery display
- CAT. III 600V according to EN 61010.





VOLTAGE	DC 1000V
	AC 750V
CURRENT	AC 20A
	DC 20A



KPS-MT425 Digital multimeter

SKU No.	UPC	EAN 13
KPSMT425CBINT	810053670019	8435394774688

- 20A digital multimeter.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current, resistance and temperature measurement.
- Diode check and continuity buzzer
- Battery tester.
- Data hold.
- Auto-off and low battery display.
- CAT. II 1000V / CAT. III 600V according to EN 61010



VOLTAGE	DC 600V
	AC 600V
CURRENT	AC 10A
	DC 10A



KPS-MT470 Digital automotive multimeter

SKU No.	UPC	EAN 13
KPSMT470600VCBBINT	810053670033	8435394774695

- Digital multimeter with engine analyzer.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- DWELL and TACH tests.
- Diode check and continuity buzzer.
- MAX values.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT. III 600V according to EN61010.



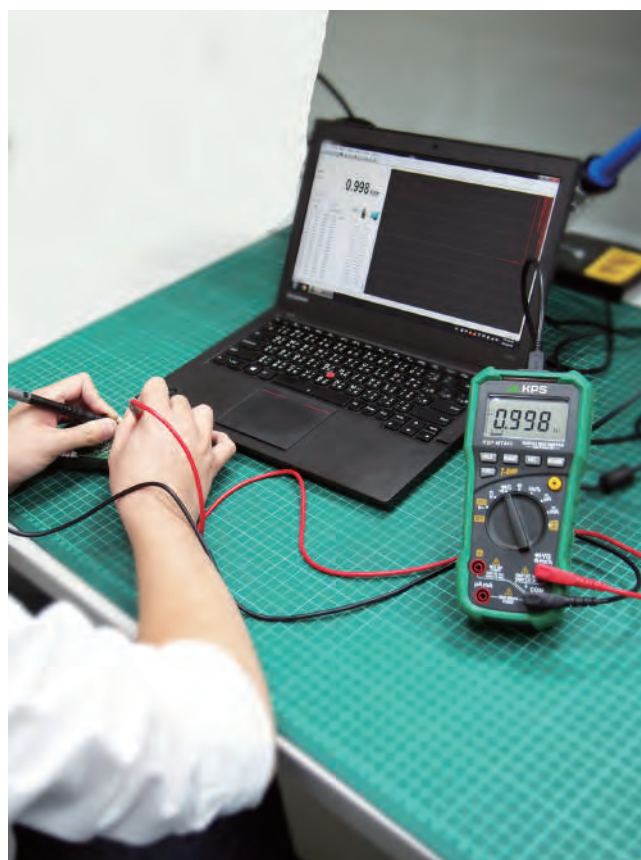
VOLTAGE	DC 600V
	AC 600V
CURRENT	AC 10A
	DC 10A



KPS-MT440 Digital multimeter

SKU No.	UPC	EAN 13
KPSMT440CBINT	810053670040	8435394774101

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF), frequency (5MHz), duty cycle and temperature measurement.
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- CAT.IV 600V according to EN 61010.





VOLTAGE
DC 600V
AC 600V

CURRENT
AC 10A
DC 10A



KPS-MT50 Digital multimeter

SKU No.	UPC	EAN 13
KPSMT50600VCBBINT	810053670026	8435394710204

- Digital multimeter.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (4000μF), frequency (10MHz), duty cycle and temperature (-20°C to 1000°C) measurement
- Non-contact voltage detection (NCV).
- Continuity buzzer and diode and transistor test.
- MAX/MIN values. Relative measurements.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- CAT.III 600V according to EN 61010.



VOLTAGE
DC 600V
AC 600V

CURRENT
DC 10A



KPS-MT490 Digital environmental multimeter

SKU No.	UPC	EAN 13
KPSMT490CBINT	810053670064	8435394774718

- Digital multimeter with environmental measurements: temperature, relative humidity, sound level and luminosity.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement.
- Diode check and continuity buzzer
- °C/°F selection.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- CAT. III 600V according to EN61010.



VOLTAGE
DC 600V
AC 600V

CURRENT
AC 10A
DC 10A



KPS-MT480 Digital multimeter with LAN tester

SKU No.	UPC	EAN 13
KPSMT480CBBINTFRTT	810053670057	8435394774701

- Digital multimeter with LAN and phone cable tester.
- Display: 2000 counts.
- DC/AC voltage, DC/AC current and resistance measurement.
- Diode check and continuity buzzer
- Non-contact voltage detection (NCV).
- MAX values.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- CAT. III 600V according to EN61010.





VOLTAGE	DC 1000V
	AC 1000V
CURRENT	AC 10A
	DC 10A



KPS-MT720 TRMS low impedance digital multimeter

SKU No.	UPC	EAN 13
KPSMT720CBINT	810053670088	8435394747125

- Digital multimeter TRMS.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66μF), temperature (0°C a 1000°C) and frequency (66MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low impedance input mode.
- Data hold.
- Auto range, auto-off, display backlight and low battery display
- CAT. III 1000V / CAT.IV 600V according to EN 61010.



VOLTAGE	DC 1000V
	AC 750V
CURRENT	AC 400 mA
	DC 400 mA



KPS-MT740 TRMS Digital multimeter + insulation

SKU No.	UPC	EAN 13
KPSMT740CBINT	810053670095	8435394747163

- Digital multimeter with insulation measurements up to 1kV.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66μF), frequency (66kHz) and temperature (-30°C a 1300°C) measurement
- True RMS measurements (TRMS).
- Insulation measurements with DAR / PI: (50V, 100V, 250V, 500V y 1000V).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Low Pass Filter Function (1kHz).
- Data hold and data recording.
- Auto range, auto-off, display backlight and low battery display
- CAT. III 1000V according to EN 61010.



VOLTAGE	DC 1000V
	AC 1000V
CURRENT	AC 10A
	DC 10A



KPS-MT700 TRMS Digital multimeter with USB conn.

SKU No.	UPC	EAN 13
KPSMT700CBINT	810053670071	8435394747118

- Digital multimeter with USB connection.
- Display: 6600 counts.
- DC/AC voltage, DC/AC current, resistance (66MΩ), capacitance (66μF), duty cycle and frequency (66MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- MAX/MIN values. Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.
- PC connection via USB.
- CAT. III 1000V / CAT.IV 600V according to EN 61010.



SMART
Automatically detects
what you are measuring!

VOLTAGE DC 600V
AC 600V



KPS-MT900
SMART Digital multimeter

SKU No.	UPC	EAN 13
KPSMT900CBINT	810053670101	8435394747156

- Digital multimeter SMART.
- Display: 6000 counts.
- DC/AC voltage, resistance (10MΩ), duty cycle and frequency (3MHz) measurement.
- SMART function, detecting automatically the measured parameter.
- Continuity buzzer.
- Non-contact voltage detection (NCV).
- MAX/MIN values.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- CAT. III 600V according to EN 61010.



VOLTAGE DC 600V
AC 600V

CURRENT AC 10A
DC 10A



KPS-MT920
TRMS digital multimeter with
communication via app

SKU No.	UPC	EAN 13
KPSMT920CBINT	810053670118	8435394747132

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance (40MΩ), capacitance (100μF), duty cycle and frequency (10MHz) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Continuity buzzer, diode and transistors check
- Relative measurements.
- Data hold.
- Auto range, auto-off display backlight and low battery display.
- Wireless connection with app.
- CAT. III 600V according to EN 61010.



VOLTAGE DC 600V
AC 600V

CURRENT AC 10A
DC 10A



KPS-MT940
TRMS digital multimeter with
communication via app

SKU No.	UPC	EAN 13
KPSMT940CBINT	810053670125	8435394747149

- TRMS digital multimeter with communication via app.
- Display: 4000 counts.
- AC/DC voltage, AC/DC current, resistance (40MΩ) and temperature (-20°C to 1000°C) measurement.
- True RMS measurements (TRMS).
- Non-contact voltage detection (NCV).
- Diode check and continuity buzzer.
- Battery test (1.5V/9V).
- Data hold.
- Auto range, auto-off and low battery display.
- Wireless connection with app.
- CAT. III 600V according to EN 61010.



FUNCTIONS						
	KPS-MT460	KPS-MT10	KPS-MT70	KPS-MT30	KPS-MT420	KPS-MT425
SKU NO.	KPSMT460CBINT	KPSMT10CBINT	KPSMT70CBINT	KPSMT30CBINT	KPSMT420CBINT	KPSMT425CBINT
True RMS measurement	-	-	-	-	-	-
Altern voltage, up to	600V	600V	600V	600V	600V	750V
Direct voltage, up to	600V	600V	600V	600V	600V	1000V
Altern current, up to	200mA	400mA	600mA	-	10A	20A
Direct current, up to	200mA	400mA	600mA	10A	10A	20A
Counts	2000	2000	6000	2000	2000	2000
Resistance, up to	20MΩ	60MΩ	60MΩ	2MΩ	20MΩ	20MΩ
Frequency, up to	-	100kHz	10kHz	-	-	-
Temperature, up to	-	-	-	-	1000°C	1000°C
Capacitance, up to	-	100 μF	600 μF	-	-	-
Continuity buzzer	√	√	√	√	√	√
Transistors test	-	-	-	-	-	-
Diode test	√	√	√	√	√	√
Battery test	-	-	√	-	√	√
DWELL & TACH tests	-	-	-	-	-	-
Network cable check	-	-	-	-	-	-
Phone and tone check	-	-	-	-	-	-
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	√	-	-	-
Insulation measurement	-	-	-	-	-	-
Non-contact voltage detection	√	-	√	-	-	-
Low input impedance measurements	-	-	√	-	-	-
Data hold	√	√	√	√	√	√
Relative measurements	-	-	-	-	-	-
MAX/MIN values	MAX	-	-	-	-	-
Autoranging	√	√	√	-	-	-
Auto off	√	√	√	-	√	√
Backlight display	-	-	√	-	-	-
Low battery display	√	√	√	√	√	√
Connectivity	-	-	-	-	-	-
Data logging	-	-	-	-	-	-
Category according to EN61010	CAT III 600V	CAT III 300V CAT II 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V CAT II 1000V

FUNCTIONS						
	KPS-MT440	KPS-MT50	KPS-M470	KPS-MT480	KPS-MT490	KPS-MT900
SKU NO.	KPSMT 440600VCBINT	KPSMT 50600VCBBINT	KPSMT 470600VCBBINT	KPSMT480CB BINTFRTT	KPSMT490CBINT	KPSMT900CBINT
True RMS measurement	-	-	-	-	-	-
Altern voltage, up to	600V	600V	600V	600V	600V	600V
Direct voltage, up to	600V	600V	600V	600V	600V	600V
Altern current, up to	10A	10A	10A	10A	10A	-
Direct current, up to	10A	10A	10A	10A	10A	-
Counts	4000	4000	2000	2000	4000	6000
Resistance, up to	40MΩ	40MΩ	-	-	-	10MΩ
Frequency, up to	5MHz	10MHz	-	-	200kHz	3kHz
Temperature, up to	-	1000°C	-	-	1000°C	-
Capacitance, up to	100 μF	4000 μF	-	-	100 μF	-
Continuity buzzer	√	√	√	√	√	√
Transistors test	-	√	-	-	-	-
Diode test	√	√	√	√	√	-
Battery test	-	-	-	-	-	-
DWELL & TACH tests	-	-	√	-	-	-
Network cable check	-	-	-	√	-	-
Phone and tone check	-	-	-	√	-	-
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	-	-	√	-
Insulation measurement	√	√	-	-	-	-
Non-contact voltage detection	-	-	-	√	-	√
Low input impedance measurements	-	-	-	-	-	-
Data hold	√	√	√	√	√	√
Relative measurements	√	√	-	-	-	-
MAX/MIN values	-	√	MAX	MAX	-	√
Autoranging	√	√	√	√	√	√
Auto off	√	√	√	√	√	√
Backlight display	√	√	√	√	√	√
Low battery display	√	√	√	√	√	√
Connectivity	-	-	-	-	-	-
Data logging	-	-	-	-	-	-
Category according to EN61010	CAT IV 600V	CAT III 600V	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT III 600V

FUNCTIONS						
	KPS-MT920	KPS-MT940	KPS-MT700	KPS-MT720	KPS-MT740	DMM3000
SKU NO.	KPSMT920CBINT	KPSMT940CBINT	KPSMT700CBINT	KPSMT720CBINT	KPSMT740CBINT	KPSDMM3000CBINT
True RMS measurement	√	√	√	√	√	√
Altern voltage, up to	600V	600V	1000V	1000V	750V	1000V
Direct voltage, up to	600V	600V	1000V	1000V	1000V	1000V
Altern current, up to	10A	10A	10A	10A	400mA	10A
Direct current, up to	10A	10A	10A	10A	400mA	10A
Counts	4000	4000	6600	6600	6600	6000
Resistance, up to	40MΩ	40MΩ	-	-	66MΩ	40MΩ
Frequency, up to	10MHz	-	66MHz	66MHz	66kHz	100kHz
Temperature, up to	-	1000°C	-	1000°C	1300°C	-
Capacitance, up to	100mF	-	66mF	66mF	66mF	10 mF
Continuity buzzer	√	√	√	√	√	√
Transistors test	√	-	-	-	-	-
Diode test	√	√	√	√	√	√
Battery test	-	√	-	-	-	-
DWELL & TACH tests	-	-	-	-	-	-
Network cable check	-	-	-	-	-	-
Phone and tone check	-	-	-	-	-	-
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	-	-	-	-
Insulation measurement	-	-	-	-	50-1000V	-
Non-contact voltage detection	√	√	√	√	-	-
Low input impedance measurements	-	-	-	√	-	√
Data hold	√	√	√	√	√	√
Relative measurements	√	-	√	√	√	√
MAX/MIN values	-	-	√	√	√	√
Autoranging	√	√	√	√	√	√
Auto off	√	√	√	√	√	√
Backlight display	√	-	√	√	√	√
Low battery display	√	√	√	√	√	√
Connectivity	Bluetooth	Bluetooth	USB	-	-	-
Data logging	-	-	-	-	√	Peak Hold
Category according to EN61010	CAT III 600V	CAT III 600V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT III 1000V	CAT IV 600V CAT III 1000V

FUNCTIONS			
	DMM3500BT	DMM4500PV	DMM9000BT
SKU NO.	KPSDMM 3500BTCBINT	KPSDMM 4500PVCBINT	KPSDMM 9000BTCBINT
True RMS measurement	✓	✓	✓
Altern voltage, up to	1000V	1500V	1000V
Direct voltage, up to	1000V	2000V	1000V
Altern current, up to	10A	10A	10A
Direct current, up to	10A	10A	10A
Counts	6000	6000	40,000
Resistance, up to	40MΩ	40MΩ	40MΩ
Frequency, up to	100kHz	100kHz	100kHz
Temperature, up to	400°C	400°C	1200°C
Capacitance, up to	10 μF	10 μF	40mF
Continuity buzzer	✓	✓	✓
Transistors test	-	-	-
Diode test	✓	✓	✓
Battery test	-	-	-
DWELL & TACH tests	-	-	-
Network cable check	-	-	-
Phone and tone check	-	-	-
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	-
Insulation measurement	-	-	-
Non-contact voltage detection	-	-	-
Low input impedance measurements	-	-	-
Data hold	✓	✓	LoZ
Relative measurements	✓	✓	✓
MAX/MIN values	✓	✓	✓
Autoranging	✓	✓	-
Auto off	✓	✓	-
Backlight display	✓	✓	✓
Low battery display	✓	✓	✓
Connectivity	Bluetooth	Bluetooth	Bluetooth and USB
Data logging	✓	✓	✓
Category according to EN61010	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V	CAT IV 600V CAT III 1000V



VOLTAGE TESTERS

The voltage detector is a basic tool for professionals. It is easy to handle and essential for jobs, both domestic and professional.

KPS has developed a range of voltage detectors, both non-contact and contact, combining a high level of functionality, small size, and portability.

NEW



VOLTAGE
12 - 750V AC/DC



TP3500LCD
Voltage tester

SKU No.	UPC	EAN 13
KPSTP3500LCD CBINT	810053676905	8435394786414

- 2000 counts digital display
- Dual display for V AC measuring with frequency
- Frequency and Resistance measurements
- Single pole test for phase detection
- Rotary field indication
- Continuity beeper
- Ultra Bright white LED torch
- Integrated single pole test for phase detection
- IP65 for outdoor applications

NEW



VOLTAGE
12 - 750V AC/DC



TP3000LED
Voltage tester

SKU No.	UPC	EAN 13
KPSTP3000LEDCBINT	810053676868	8435394786261

- 2 pole tester with LED indication
- Single pole test for phase detection
- Rotary field indication
- Continuity beeper
- Ultra Bright white LED torch
- Integrated single pole test for phase detection
- IP65 for outdoor applications

NEW

VOLTAGE
7 - 1000V DC
6 - 1000V AC

CURRENT
200A AC



TP5000HY
True RMS electrical tester

SKU No.	UPC	EAN 13
KPSTP5000HYCBINT	810053676653	8435394784748

- True RMS on ACV/ACA
- 9999 Count digital display
- Bright LED Bargraph & White LED Auto backlight display
- AC 200A Measurement
- 50K Ohms Resistance capability
- Phase Rotation Indication
- Input Peak Current: Is < 3.5mA @ 1000V
- Up to 16mm dia. Conductor AWG 4/0 wire
- 39mm Width Jaw size easy to use at a crowded space
- Auto Polarity Detection
- Single Pole test
- Measure voltage without battery with LED bar and LCD display
- Auto Power On/Off
- Data Hold
- Torch
- IP65 Rating



VOLTAGE
AC/DC 400V



KPS-DT200
Voltage tester

SKU No.	UPC	EAN 13
KPSDT200CBINT	810053670293	8435394747279

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication.
- CAT. III 400V according to EN 61010.



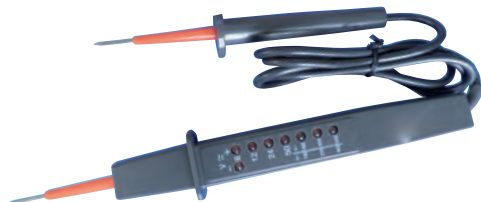
VOLTAGE
12-400VAC/DC



KPS-DT220
Voltage detector
and differential test

SKU No.	UPC	EAN 13
KPSDT220CBINT	810053670309	8435394747286

- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V.
- Determination of polarity.
- LED indication
- Differential trip test.
- CAT III 400V according to EN 61010.



VOLTAGE
6-380VAC/DC



KPS-DT20 Voltage
and continuity detector

SKU No.	UPC	EAN 13
KPSDT20CBINT	810053670286	8435394710273

- AC/DC voltage detection: 6V, 12V, 24V, 50V, 110V, 220V, 380V.
- Determination of polarity.
- LED indication.



VOLTAGE
90 - 1000V~



KPS-DT100
Voltage tester up to 1.000V

SKU No.	UPC	EAN 13
KPSDT100CBINT	810053670262	8435394747255

- Non-contact voltage detection.
- Voltage sensibility: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CAT.II 1000V, CAT.III 600V according to EN 61010.


VOLTAGE
12- 1000VAC


KPS-DT120 Voltage detector up to 1.000V (adjustable)

SKU No.	UPC	EAN 13
KPSDT120CBINT	810053670279	8435394747262

- Non-contact voltage detection.
- Voltage sensibility: 12-1000 VAC.
- Frequency: 50/500 Hz.
- Acoustic and luminous indication by LEDs.
- Auto/manual Voltage sensitivity adjustment
- Auto off.
- CAT. II 1000V / CAT. III 600V according to EN61010.


VOLTAGE
90 - 1000V~


KPS-DT10 Voltage detector up to 1.000V

SKU No.	UPC	EAN 13
KPSDT10CBINT	810053670255	8435394710310

- Non-contact voltage detection.
- Voltage sensibility: 90-1000 V AC.
- Frequency: 50/60 Hz.
- Acoustic and luminous indication by LEDs.
- CAT. II 1000V according to EN61010.

FUNCTIONS									
	KPS-DT10	KPS-DT100	KPS-DT120	KPS-DT20	KPS-DT200	KPS-DT220	TP3000LED	TP3500LCD	TP5000HY
SKU NO.	KPSDT10CBINT	KPSDT100CBINT	KPSDT120CBINT	KPSDT20CBINT	KPSDT200CBINT	KPSDT220CBINT	KPS-TP3000LEDCBINT	KPS-TP3500LCDCBINT	KPS-TP5000HYCBINT
TRMS	-	-	-	-	-	-	-	-	√
Altern voltage	Non-contact	Non-contact	Non-contact	6V, 12V, 24V, 50V, 110V, 220V, 380V	12V, 24V, 50V, 120V, 230V, 400V	12V, 24V, 50V, 120V, 230V, 400V	12V, 24V, 50V, 120V, 230V, 400V, 750V	12V - 750V	45V - 1000V
Direct voltage	-	-	-	6V, 12V, 24V, 50V, 110V, 220V, 380V	12V, 24V, 50V, 120V, 230V, 400V	12V, 24V, 50V, 120V, 230V, 400V	12V, 24V, 50V, 120V, 230V, 400V, 750V	12V - 750V	35V -1000V
Non-contact voltage detection	90-1000 VAC	90-1000 VAC	12-1000 VAC	-	-	-	-	-	-
Frequency	50/60 Hz	50/60 Hz	50/500 Hz	-	-	-	45/65 Hz	45/65 Hz	-
AC current	-	-	-	-	-	-	-	-	200.0A
Resistance	-	-	-	-	-	-	-	2KΩ	50.00kΩ
Single pole test	-	-	-	-	-	-	√	√	√
Phase rotation test	-	-	-	-	-	-	√	√	√
Acoustic indication	√	√	√	-	-	-	√	√	√
Visual indication (LEDs)	√	√	√	√	√	√	√	-	√
Polarity	-	-	-	√	√	√	√	√	√
Category according to EN61010	CAT II 1000V	CAT III 600V CAT II 1000V	CAT III 600V CAT II 1000V	CAT II 400V	CAT III 400V	CAT III 400V	CAT IV 1000V CAT III 600V	CAT III 600V	CAT IV 1000V CAT III 600V



CIRCUIT TESTERS

KPS cable testers are designed for troubleshooting and troubleshooting in data networks, telephone lines, and electrical circuits.

The range is made up of simple equipment that indicates the fault with light and acoustic signals to more advanced equipment that allows the tracing of cables hidden behind walls or under the floor.



KPS-CC600
BNC/RJ Network cable tester

SKU No.	UPC	EAN 13
KPSCC600CBINT	810053670361	8435394747347

- Coaxial Cable (BNC) and Twisted-wire e-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m



KPS-CC620
RJ Network cable tester

SKU No.	UPC	EAN 13
KPSCC620CBINT	810053670378	8435394747354

- Twisted-wire-pour cable (RJ45) tester
- Testing Cable shield Integrity
- Max. Distance Of Cable: 200m
- Low battery display



KPS-CC640 Cable tracker

SKU No.	UPC	EAN 13
KPSCC640CBINT	810053670385	8435394747361

- Cable tracker and phone line tester
- Judge Continuity of cable and diagnose the break point
- Receive tone signals on cable or wires
- Identify the state in working telephone lines (Clear, Ringing, Busy)
- Send single solid or dual alerts tones to cables or wires



KPS-CC800 Socket tester

	SKU No.	EAN 13	UPC
KPS-CC800	KPSCC800CBINT	8435394747392	-
KPS-CC800US	KPSCC800USCBINT	-	810053670392
KPS-CC800UK	KPSCC800UKCBINT	8435394787985	-

- LED indication of the socket's wiring:
 - Correct.
 - Missing earth.
 - Live-earth reverse
 - Live-neutral reverse
 - Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 230V according to EN 61010.



KPS-CC820 Circuit breaker finder (transmitter-socket tester)

	SKU No.	EAN 13	UPC
KPS-CC820	KPSCC820CBINT	8435394747385	-
KPS-CC820US	KPSCC820USCBINT	-	810053670415
KPS-CC820UK	KPSCC820UKCBINT	8435394787992	-

- LED indication of the socket's wiring:
 - Correct.
 - Missing earth.
 - Live-earth reverse
 - Live-neutral reverse
 - Missing neutral.
- Quickly and easily identify the breaker connected to a specific socket.
- Acoustic and LED indication.
- Pegs with different formats and voltages available.
- CAT II 600V according to EN 61010.



KPS-CC840 Advanced wire tracker

SKU No.	UPC	EAN 13
KPSCC840CBINT	810053670422	8435394747378

- Find the Beaks or Shorts in Cable in the wall or under the floor.
- Track Cables in the wall or ground.
- Find the Fuse and Safeguard.
- Track a Metal Conduit in the Project of ware or hot.
- Sensitivity of Receiver can be Selected.
- Auto Ranging, Auto Power Off, Backlight and Worklight.
- CAT. III 300V according to EN 61010.



LCR TESTERS

These testers are specific instruments for the measurement of SMD components on electronic boards, making them an ideal tool for laboratories and repair services.

They have gold-plated clamps that allow you to easily and accurately check components such as resistances, capacitors or coils.



RESISTANCE
30MΩ

CAPACITANCE
30mF



KPS-SMD500. Smart LCR Meter

SKU No.	UPC	EAN 13
KPSSMD500CBINT	810053670439	843539474708

- SMD (surface Mount Device) tester parameters
- Display: 3000 counts
- Resistance and capacitance measurement
- Auto scanning of measured
- Diode check and continuity buzzer
- Data hold
- Auto range, auto-off and low battery display



INDUCTANCE
200 H

RESISTANCE
20MΩ

CAPACITANCE
6mF



KPS-SMD520. Smart LCR Meter

SKU No.	UPC	EAN 13
KPSSMD520CBINT	810053670446	843539474715

- SMD (surface Mount Device) tester parameters
- Display Counts: 6000
- Resistance and capacitance measurement
- Auto scanning of measured
- Data Hold
- Auto range, auto-off and low battery display



INDUCTANCE
2 H

CAPACITANCE
200μF



KPS-SMD600 Digital LCR Meter

SKU No.	UPC	EAN 13
KPSSMD600CBINT	810053670453	843539474722

- Multimeter-type SMD (surface Mount Device) tester
- LCD Display: 2000 counts
- Capacitance and inductance measurement
- Low Battery Display



ENVIRONMENTAL METERS

To check the environmental quality in interior areas such as offices, it is necessary to monitor a series of aspects that affect the health, comfort and performance of the occupants.

Parameters such as air speed and flow, sound level, lighting or the concentration of certain gases can be controlled with the KPS range of environmental meters.



KPS-AN10
Digital Anemometer

SKU No.	UPC	EAN 13
KPSAN10CBINT	810053670460	8435394710372

- Digital Anemometer
- Display: 9999 counts
- Air velocity: m/sc, f/min, km/h, miles/h, knots
- Air flow: cf/min, m3/min, m3/sc
- Air velocity and air flow measurement
- MAX/MIN values
- Data hold
- Auto-off display backlight and low battery display



RESOLUTION
50 ppm

ALARM
10% ~ 40%



KPS-DG100
Combustible gas detector

SKU No.	UPC	EAN 13
KPSDG100CBINT	810053670477	8435394747439

- Combustible gas detector
- Gas Detected: Natural gas, Methane, Ethane, Propane, Butane, Acetone, Alcohol, Ammonia, Steam, Carbon Monoxide, Gasoline, Jet fuel, Hydrogen Solvents, Lacquer thinner, Naphtha
- High resolution: 50ppm
- Alarm range: 10%~40%
- Response time (40% LEL) <2 Seconds



LUX MEASURE

0-50000 LUX



KPS-LX10 Digital light meter

SKU No.	UPC	EAN 13
KPSLX10CBINT	810053670484	8435394710341

- Digital light meter for illuminance measurement (LUX)
- Display: 2000 counts.
- Probe connected to measuring equipment using extensible cable.
- Measuring ranges: 2000 Lux, 20000 Lux, 50000 Lux
- Data hold.
- Low battery display.



CD MEASURE

999900

LUX MEASURE

200000

FC MEASURE

20000



KPS-LX30LED Digital light meter

SKU No.	UPC	EAN 13
KPSLX30LEDCBINT	810053670491	8435394739267

- High accuracy digital light meter.
- Display: 2000 counts.
- Switch between different lighting sources (LED included).
- Fc/Lux/CD unit selection.
- Data hold.
- Auto-off and low battery display.



FREQUENCY

31.5Khz~8Khz

SOUND MEASURE

30dB ~ 130dB



KPS-SN10 Digital sound level meter

SKU No.	UPC	EAN 13
KPSSN10CBINT	810053670507	8435394710365

- Class II digital sound level meter according to IEC 651.
- Display: 2,000 counts.
- Sample rate: 2 times per second.
- A/C weighting selection.
- MAX values.
- FAST/SLOW selection.
- Data hold.
- Auto range, auto-off, display backlight and low battery display.



TEMPERATURE METERS

Temperature is a parameter that allows us to verify the correct operation of a component. Hence, temperature measurement is very useful in various applications such as electrical installations, to check overloads or overheating of the elements of a circuit, or in construction, to detect thermal bridges.

With KPS models, measurements can be made without contact, by infrared, or through thermocouples in contact with the surface of the tested object.



REL. HUMIDITY

10% ~ 90%

IR TEMP

-20°C~-500°C



KPS-TM500 Non-contact infrared thermometer

SKU No.	UPC	EAN 13
KPSTM500CBINT	810053670514	8435394774749

- Non-contact infrared thermometer.
- Laser target pointer
- Emissivity: 0.95.
- D-S ratio=10:1
- Indication in degrees: Celsius or Fahrenheit.
- Data hold
- MAX/MIN/AVG values
- Display backlight. Low battery display.
- Tested and certified according to IEC/EN 61326.



IR TEMP

-40°C~-800°C

K TEMP

-40°C~-1080°C



KPS-TM800 Non-contact infrared thermometer

SKU No.	UPC	EAN 13
KPSTM800CBINT	810053670521	8435394747446

- Non-contact infrared thermometer up to 800°C
- Class II laser tester pointer
- IRT and K-type temperatura measurement
- Adjustable emissivity: 0.10~1.0
- D:S ratio: 12:1
- Indication in degrees: Celsius or Farenheit
- MAX/MIN/AVG/DIF values
- Auto-off, display backlight and low battery display



TYPE

K, J, T, E

CHANNELS

T1



KPS-TM300

Digital thermometer 1 channel

SKU No.	UPC	EAN 13
KPSTM300CBINT	810053670538	8435394747453

- 1-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data hold.
- Auto-off(adjustable power-off time) and low battery display.



TYPE

K, J, T, E, R, S, N

CHANNELS

T1/T2/T1-T2



KPS-TM340

Digital thermometer 2 channels with data logging

SKU No.	UPC	EAN 13
KPSTM340CBINT	810053670552	8435394747477

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- Thermocouple deviation compensation.
- MAX/MIN/AVG values.
- USB communication.
- Data hold and date register.
- Auto-off(adjustable power-off time) and low battery display.



TYPE

K, J, T, E

CHANNELS

T1/T2/T1-T2



KPS-TM320 Digital thermometer 2 channels

SKU No.	UPC	EAN 13
KPSTM320CBINT	810053670545	8435394747460

- 2-channel Digital thermometer.
- Suitable for various thermocouples, such as J, K, T, E.
- Temperature in °C, °F and K (Kelvin).
- 2-channel measurement and difference measurement.
- MAX/MIN/AVG values.
- Thermocouple deviation compensation.
- Data Hold.
- Auto-off(adjustable power-off time) and low battery display.



INDUSTRIAL METERS

In industrial environments, with the presence of motors and machines, instruments that allow the verification of the phase sequence, angular and linear speeds or loop resistance at specific points of the installation are very useful.

Along with them, a line separator will facilitate the task of measuring the consumption of the different loads.



KPS-TC10 Contact-type digital tachometer

SKU No.	UPC	EAN 13
KPSTC10CBINT	810053670569	8435394710402

- Contact-type digital tachometer.
- Measurement of angular speed from 50 to 20.000 RPM.
- Measurement of lineal speed: m/min, m/sc, feet/min, feet/sc, inch/ min.
- MAX/MIN/AVG values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.
- Different idle wheels and touch tips are included.



KPS-TC20 Non-contact-type digital tachometer

SKU No.	UPC	EAN 13
KPSTC20CBINT	810053670576	8435394710419

- Non-contact-type digital tachometer.
- Measurement of angular speed from 50 to 100.000 RPM.
- Measurement distance: 50 to 250mm.
- MAX/MIN values.
- Data hold and data register.
- Auto-off, display backlight and low battery display.



KPS-CF100 Motor and phase rotation indicator

SKU No.	UPC	EAN 13
KPSCF100CBINT	810053670590	8435394747491

- Phase sequence indicator in three-phase systems.
- Motor rotation tester.
- Non-contact rotary field indication.
- LED indication.
- Built-in test leads.
- CAT. III 600V according to EN 61010.



CABLES, TEST LEADS & THERMOCOUPLES

This wide selection of accessories allows replacement of those included with the instruments due to deterioration or loss of the instruments.

Different versions of the cables, the tips or the thermocouples can be chosen according to the needs of the user.



KPS-PT30
Test leads with alligator clips

SKU No.	UPC	EAN 13
KPSPT30CSINT	810053670620	8435394710433

- MAX current: 10A
- Length: 1100mm
- Color: red and black
- CAT III 600V 10A according to EN 61010



KPS-CP400
Fused test probe with silicone test leads

SKU No.	UPC	EAN 13
KPSCP400CSINT	810053670637	8435394747545

- Silicone test leads
- 2 replaceable fast-acting fuses are built-in.
- Length: 1500mm
- MAX current: 10A
- Color: red and black
- CAT III 1kV 10A / CAT IV 600V 10A according to EN 61010



KPS-CP420

Test leads with insulation tips up to 10kV

SKU No.	UPC	EAN 13
KPSCP420PEINT	810053670644	8435394747552

- Super insulated silicone wire
- Length: 2700mm
- Safety straight input plug connect with extra green guard.
- Warning :
 - Input : MAX 1000V AC
 - Output : MAX 10KV DC
- CAT III 10kVdc 2mA according to EN 61010

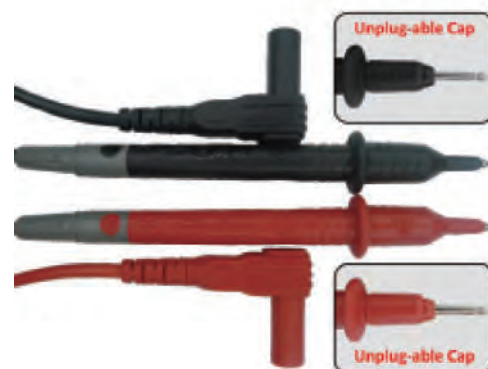


KPS-CP500

Alligator clips and test leads for earth resistance tester

SKU No.	UPC	EAN 13
KPSCP500CBINT	810053670651	8435394747569

- Wide grip alligator clips with integral finger guard
- PVC-insulated wire (Red-30m, Yellow-20m, Green-5m)
- Right angle connector
- For 3-wire earth resistance tester



KPS-PT15

Test leads small size

SKU No.	UPC	EAN 13
KPSPT15PEINT	810053670729	8435394739250

- Length: 800mm
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. II 1000V / CAT. III 1000V according to EN 61010



KPS-PT20

Test leads large size

SKU No.	UPC	EAN 13
KPSPT20PEINT	810053676455	8435394710440

- Length: 1000mm
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. III 1000V / CAT. IV 600V according to EN 61010



KPS-CP300 Test probe
straight tip & right angle type

SKU No.	UPC	EAN 13
KPSCP300PEINT	810053670736	8435394747576

- Test leads without tips
- Length: 1000mm
- MAX current: 10A
- Color: red and black
- Unpluggable caps
- CAT. III 1000V according to EN 61010



KPS-PT100
Small alligator clips

SKU No.	UPC	EAN 13
KPSPT100PEINT	810053670668	8435394747590

- Length: 54mm
- Color: red, black



KPS-PT200
IC test clip

SKU No.	UPC	EAN 13
KPSPT200PEINT	810053670743	8435394747583

- Length: 185mm
- Max. 5A
- Plug: 4mm diameter jack
- Color: red, black



KPS-PT120
Extra large alligator clips

SKU No.	UPC	EAN 13
KPSPT120PEINT	810053670675	8435394747606

- Length: 65mm
- 4mm diameter cross plug
- Color: red, black



KPS-TP100
K type thermocouple

SKU No.	UPC	EAN 13
KPSTP100PEINT	810053670682	8435394747613

- Length: 1000mm
- Range: -40°C ~ 260°C (-40 ~ 500°F)



KPS-TP300
K type thermocouple

SKU No.	UPC	EAN 13
KPSTP300PEINT	810053670699	8435394747620

- Length: 1000mm
- Plug length: 12mm
- Range: -40°C ~ 260°C (-40 ~ 500°F)



KPS-TP120
K type thermocouple

SKU No.	UPC	EAN 13
KPSTP120PEINT	810053670705	8435394747637

- Length: 1000mm
- Range: -40°C ~ 600°C (-40 ~ 1112°F)



KPS-TP320
K type thermocouple

SKU No.	UPC	EAN 13
KPSTP320PEINT	810053670712	8435394747644

- Length: 1000mm
- Plug length: 12mm
- Range: -40°C ~ 600°C (-40 ~ 1112°F)



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