

MEASURING INSTRUMENTS 2020



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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.

Supply will be based on the MOQ (minimum order quantity) detailed in this catalogue.

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: info@mgl-intl.com

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



CONTACT US

EUROPE

info.emea@mgl-intl.com

AMERICA

info.na@mgl-intl.com

info.latam@mgl-intl.com

ASIA-PACIFIC

info.apac@mgl-intl.com

WHAT 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 750 employees



Annual production of 10 million units per year



Two factories in China and Europe



Assembly capacity: market leader within our segment

OUR BRANDS

We manufacture electrical test and measurement instruments under our own brands: Mastech, 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.

MASTECH®

POWER PROBE®

From Europe, in KPS 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.

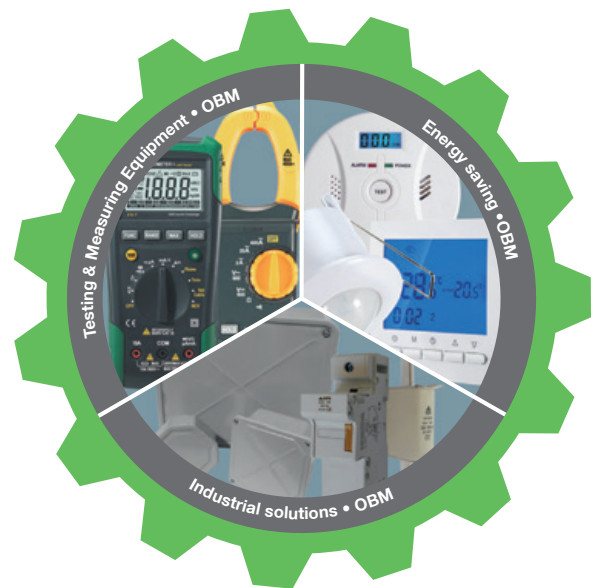
Our high-performance digital clamp meters, multimeters and testers are developed to cover the requirements of any electrical installation.

KPS. Energy saving

Our wide range of time, temperature and light controllers are designed and developed with the goal of improving the efficiency of every electrical installation.

KPS. Industrial solutions

Our solutions are designed, manufactured and adapted to the environment where they will be installed, always considering the needs of the professionals working on them.



MASTECH®

At MASTECH we focus on providing the highest quality, innovative measuring instruments for the electrical market, along with the best service to our customers.

From digital multimeters and clamp meters to voltage testers, plug testers and all ranges of environmental testers, our product families have been developed to meet the requirements of the construction, DIY and industrial sectors.

Test and measurement equipment:

- I. For industrial environments: we develop a range of measuring instruments with specific features and high precision, ensuring reliability and accuracy.
- II. For the residential sector: MASTECH instruments meet all requirements relating to measuring and testing of electrical values, enabling safety checks on installations and appliances in homes and other buildings.

- III. For environmental measurement, MASTECH offers a wide range of solutions, with measuring instruments for temperature, moisture and wind speed to light, sound, gas and distance.



POWER PROBE®

At POWER PROBE, we believe things should be simple. That is why we design tools to make complex automotive technology accessible for the modern auto technician.

As automotive technology continues to evolve, Power Probe provides innovative technology, energy, and knowledge solutions for technicians and consumers alike.

Electrical tools for automotive technicians:

- I. Circuit testing and diagnostic tools: tools for fast electrical testing and short circuit tracing. Based on experience, our tools are now simpler and easy to use.
- II. Energy Storage Tools: Emergency battery jumper pack. Tools for power storage and emergency boosting.
- III. Tools & accessories: Workspace improvement

- tools (high power butane torches, wireless temperature probes, rechargeable handheld flashlights, solder kits etc...)



In this fast and competitive global market, choosing a trusted partner to supply quality products to compete in the market is a very important decision for every company.

At MGL we have three business models, adapted to the different needs of our customers. With OEM and ODM services we offer flexible and scalable production that helps the launching of new products and minimizes the risks of in-house manufacturing.



OEM SERVICE

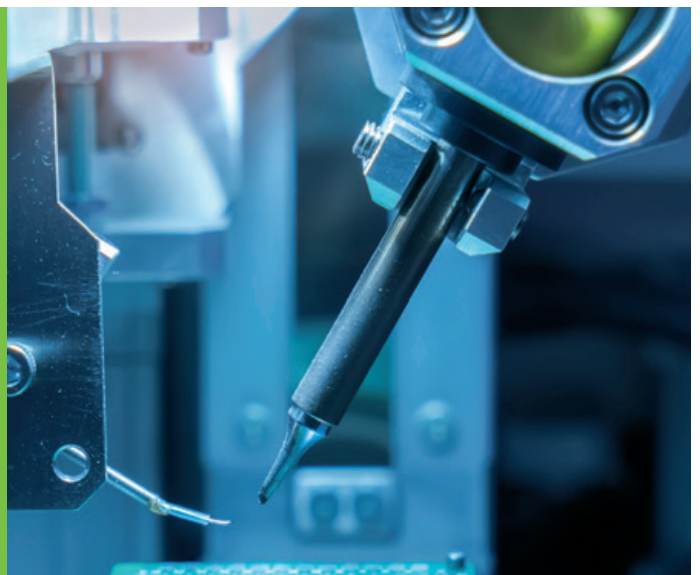
The OEM service refers to products that we have already developed in MGL and for which we offer a customization service, so that other companies can market them with their own brands.

With this service we offer a range of fully finished products that comply with international regulations, since the entire engineering and product design process has already been carried out by MGL.

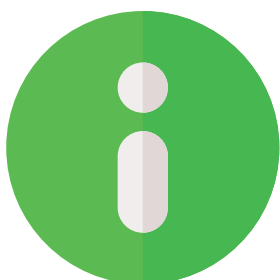
ODM SERVICE

Our ODM service will help your business design and develop new and exclusive products under your own brand. This service allows your business to streamline custom projects without having to deal with the day-to-day operations of a factory.

Choosing a trusted partner is key when developing ODM products. We at MGL strive to take the burden of manufacturing off of you, so you can focus on the processes that your business knows best.



For more information, please ask for our OEM and ODM catalogues.



Power Quality Analyzer



POWERCOMPACT3020

- Portable quality analyzer developed for professional analysis of consumption and power quality.
- Complete KIT with all the accessories.
- Available Professional Software POWERCOMPACT/Studio for full analysis of parameters, events, graphs...etc.

Further information on page 14

Multifunction tester



MULTICHECK6010

- Multifunction Tester for verification of electrical safety of LV installations
- 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

Further information on page 18

Insulation testers



INSUTEST10000

- Digital high voltage insulation testers (10kV)
- Tests insulation resistance up to 20 TΩ
- AC / DC Voltmeter
- PI and DAR indications
- Data Communication Function

Further information on page 43

New generation of clampmeters



DCM Series

(DCM3000T, DCM3500T, DCM4000T, DCM6000T, DCM6500T)

- Range of professional clampmeters
- 5 models available
- TRMS
- Models DCM-6000T and DCM-6500T with Bluetooth connectivity

Further information on pages 20-21

Innovation & new technologies



SMARTPHONE CONNECTIVITY

We have developed a range of instruments with the ability to connect to Smartphones, using an APP for both Android and iOS platforms, totally free in the most usual APP stores.

- Display on the Smartphone
- No mistakes with the test leads
- Data logging

Innovation & new technologies

SMART



SMART TECHNOLOGY

The instruments equipped with this technology are able to recognize by themselves the electrical parameter that is being measured, without the need for the user to indicate it on the equipment by the rotary knob, saving time and avoiding mistakes which can damage the device, when a function that does not correspond to what we are measuring is wrongly selected on the rotary knob.

CLAMP METERS



KPS-PA420 MINI
The most common measurements at an affordable price.

HOT SELLER

View page 22



KPS-PA20 MINI
Compact clamp with temperature measurement

HOT SELLER

View page 22



KPS-PA430 MINI
Current readings in AC and DC installations

HOT SELLER

View page 22



KPS-PA10
Large jaw for measurements of high current

HOT SELLER

View page 24



KPS-PF10
Leakage current testing in electrical installations

HOT SELLER

View page 25

MULTIMETERS



KPS-MT10
Pocket-size to always carry with you

HOT SELLER

View page 30



KPS-MT30
The best quality-price ratio

HOT SELLER

View page 31



KPS-MT440
Autorange makes the measurements easier

HOT SELLER

View page 32



KPS-MT490
Environmental testing from your multimeter

HOT SELLER

View page 33



KPS-MT720
Professional multimeter with the highest safety criteria

HOT SELLER

View page 34

VOLTAGE TESTERS



KPS-DT10
Ensure the safety when working on electrical installations

HOT SELLER

View page 22



KPS-DT120
Sensitivity adjustment for reliable measurements

HOT SELLER

View page 22



KPS-DT20
Simple voltage measurement in all type of installations

HOT SELLER

View page 22



KPS-DT220
Verification of the correct operation of RCDs

HOT SELLER

View page 24





POWER QUALITY ANALYZERS

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MULTIFUNCTION TESTERS

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DIGITAL CLAMP METERS

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DIGITAL MULTIMETERS

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VOLTAGE TESTERS

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EARTH RESISTANCE TESTERS

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INSULATION TESTERS

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CIRCUIT TESTERS

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LCR TESTERS

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TEMPERATURE METERS

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INDUSTRIAL METERS

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ENVIRONMENTAL METERS

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DISTANCE METERS

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KITS

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CABLES, TEST LEADS & THERMOCOUPLES

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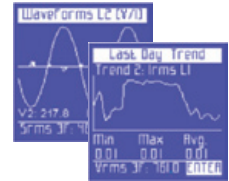
POWERCOMPACT3020

Power Quality Analyzer

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.

Article	Code	EAN 13
POWERCOMPACT3020	603000000	8435394776194



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.

VOLTAGE (TRMS)

ØPhase-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

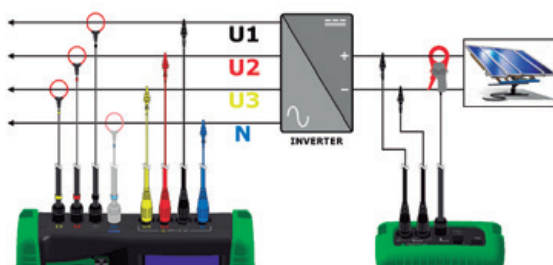
Interruptions: >500mS
 Dips: >500mS
 Swells: >500mS

TRANSIENT

Swells and overcurrents > 150uS
 Inrush current analysis

MULTIPLE INPUTS

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



Suitable for any network:

- 3φ+N
- 3φ
- 2φ
- 1φ
- PV systems

COMPLETE KIT

Contents

- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgосky 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

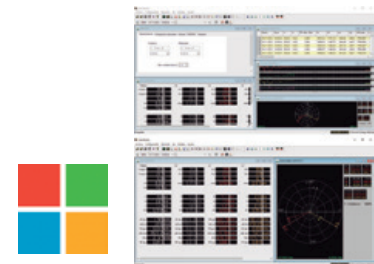
See optional accesories and spare parts on pages 10 and 11.



POWERFULL ANALISYS

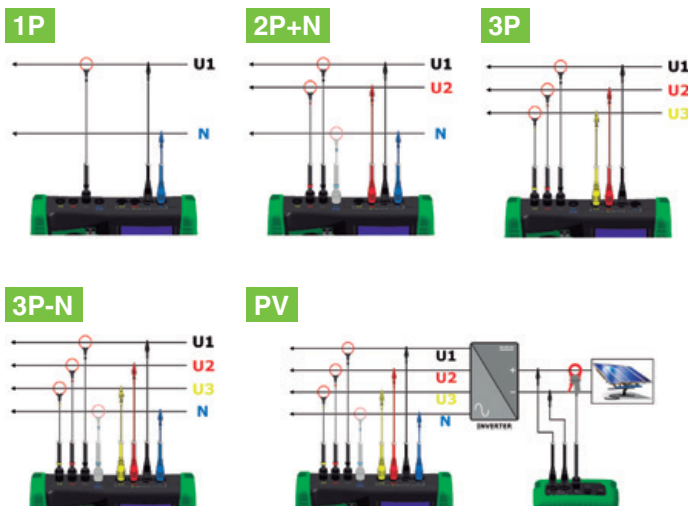
- Data storage through external SMD card (8 Gb)
- Communication to PC through USB port
- Professional Software *POWERCOMPACT/Studio* for full análisis of parameters, events, graphs...etc

(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 ACCESORIES

• POWERCOMPACT-CL5A AC Current clamp 5A

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

Article	Code	EAN 13
POWERCOMPACT-CL5A	603000010	8435394776200



• POWERCOMPACT-CL200A AC Current clamp 200A

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

Article	Code	EAN 13
POWERCOMPACT- CL200A	603000011	8435394776217



• POWERCOMPACT-CL1000A AC Current clamp 1000A

- 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: \varnothing max 52 mm
Busbar: 1 busbar of 50 x 5mm / 4 busbars of 30 x 5mm

Article	Code	EAN 13
POWERCOMPACT-CL1000A	603000012	8435394776224



• POWERCOMPACT-CL600A AC/DC Current clamp 600A

- 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 \varnothing 30mm or 2 cables \varnothing 24mm
2 busbars 31.5x10mm

Article	Code	EAN 13
POWERCOMPACT-CL600A	603000013	8435394776231



• ULTRAFLEX3000 AC Current clamp 3000A

- 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

Article	Code	EAN 13
ULTRAFLEX3000	603000014	8435394776248



POWERCOMPACT ACCESORIES

• POWERCOMPACT/VTL Voltage test leads

- 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)

Article	Code	EAN 13	
POWERCOMPACT/VTL-R	603000020	8435394776255	■
POWERCOMPACT/VTL-B	603000021	8435394776262	■
POWERCOMPACT/VTL-Y	603000022	8435394776279	■
POWERCOMPACT/VTL-BL	603000023	8435394776286	■



• POWERCOMPACT/AL Alligator clips

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

Article	Code	EAN 13	
POWERCOMPACT/AL-R	603000024	8435394776293	■
POWERCOMPACT/AL-B	603000025	8435394776309	■
POWERCOMPACT/AL-Y	603000026	8435394776316	■
POWERCOMPACT/AL-BL	603000027	8435394776323	■



• POWERCOMPACT/MAGTL Magnetic captors set

- 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)

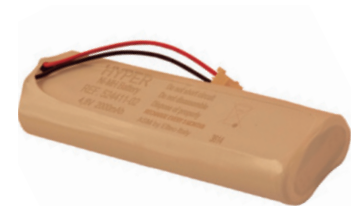


Article	Code	EAN 13
POWERCOMPACT/MAGTL	603000030	8435394776330

• POWERCOMPACT/BAT Battery pack

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

Article	Code	EAN 13
POWERCOMPACT/BAT	603000040	8435394776347



• POWERCOMPACT/PS External power supply

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

Article	Code	EAN 13
POWERCOMPACT/PS	603000041	8435394776354



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.

Article	Code	EAN 13
MULTICHECK6010	603100000	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:

- Carrying strap
- 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)	Test voltage 0/100/250 V	0,000 MΩ ... 199,9 MΩ	
	Test voltage 500/1000 V	0,000 MΩ ... 999 MΩ	
Impedance (ZL/ZLoop)	Zline L-L, L-N, Ipfc	0,00 Ω ... 9999 Ω	
	Zloop L-PE, Ipfc	0,00 Ω ... 9999 Ω	
	Zloop L-PE, Ipfc, 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)	Test current 7 mA (2-wire)	0,0 Ω ... 1999 Ω	
	Test 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	Uc	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 ACCESORIES

• MULTICHECK/ST Carrying strap

- Strap for carrying the measuring instrument around the neck allowing free hand use.

Article	Code	EAN 13
MULTICHECK/ST	603100030	8435394776392



• MULTICHECK/TBP Commander with TEST button

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

Article	Code	EAN 13
MULTICHECK/TBP	603100010	8435394776378



• MULTICHECK/PLT Plug test probe

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

Article	Code	EAN 13
MULTICHECK /PLT-EU	603100011	8435394776484
MULTICHECK /PLT-US	603100012	8435394776491
MULTICHECK /PLT-UK	603100013	8435394776507



• MULTICHECK/ERS Earth resistance testing set

- The set contains:

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

Article	Code	EAN 13
MULTICHECK/ERS	603100020	8435394776385



DIGITAL CLAMP METERS

• DCM3000 TRMS clamp meter 1000 AC

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

JAW SIZE
Ø 40mm/1.6"
w/ work light

VOLTAGE DC 1000 V
AC 750 V

CURRENT
AC 1000A



• DCM3500T TRMS clamp meter 1000 AC with temperature

- 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.
- CAT. IV 600V according to EN 61010.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display

JAW SIZE
Ø 40mm/1.6"
w/ work light

VOLTAGE DC 1000 V
AC 750 V

CURRENT
AC 1000A



• DCM4000T TRMS clamp meter 1000A ACDC with temperature

- 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.
- CAT. IV 600V according to EN 61010.
- 6.000 counts
- Max/min functions
- Relative function
- Auto power OFF and low battery display

JAW SIZE
Ø 40mm/1.6"
w/ work light

VOLTAGE DC 1000 V
AC 750 V

CURRENT
AC 1000A
DC 1000A



DIGITAL CLAMP METERS

• DCM6000BT TRMS clamp meter 1000A AC BT

- 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.
- Wireless connection with app.
- Bar graph and dual display
- 6.000 counts
- Max/min functions
- Peak function
- Relative function
- Auto power OFF and low battery display
- CAT. IV 600V according to EN 61010.

JAW SIZE Ø 40mm/1.6" w/ work light	VOLTAGE DC 1000 V AC 750 V	CURRENT AC 1000A
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*For further information about SMARTPHONE Connection please check page 1.



• DCM6500BT TRMS clamp meter 1000A ACDC BT

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

JAW SIZE Ø 40mm/1.6" w/ work light	VOLTAGE DC 1000 V AC 750 V	CURRENT AC 1000A DC 1000A
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*For further information about SMARTPHONE Connection please check page 1.



DIGITAL CLAMP METERS

• KPS-PA420 MINI Mini digital clamp meter

- 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

JAW SIZE Ø 28mm/1.1"	VOLTAGE DC 600 V AC 600 V	CURRENT AC 400A
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Article	Code	EAN 13
KPS-PA420 MINI	602150029	8435394747194



• KPS-PA20 MINI Mini digital clamp meter

- Mini digital clamp meter
- Display: 4000 counts
- AC/DC voltage, AC current
- Resistance, frequency, duty cycle and capacitance 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

JAW SIZE Ø26mm / 1.0"	VOLTAGE DC 600V AC 600V	CURRENT AC 600A
---------------------------------	--------------------------------------	---------------------------

Article	Code	EAN 13
KPS-PA20 MINI	602150017	8435394710150



• KPS-PA430 MINI Mini digital clamp meter

- Mini digital clamp meter
- AC/DC voltage, AC/DC current
- Display: 4000 counts
- Resistance, capacitance and frequency 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

JAW SIZE Ø26mm / 1.0"	VOLTAGE DC 600V AC 600V	CURRENT AC/DC 400A
---------------------------------	--------------------------------------	------------------------------

Article	Code	EAN 13
KPS-PA430 MINI	602150035	8435394747651



DIGITAL CLAMP METERS

• KPS-PA900 MINI Mini digital clamp meter

- Mini digital clamp meter
- AC/DC voltage, AC current, resistance and frequency measurement
- Display Counts: 6000. Dual reading
- Continuity buzzer
- MAX/MIN values
- Smart function, deleting automatically the measured parameter
- Auto range, auto-off, display backlight and low battery display
- CAT III 600V according to EN 61010

SMART
Automatically detects
what you are measuring!



JAW SIZE Ø26mm / 1.1"	VOLTAGE 600 VAC/DC	CURRENT 600A AC
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Article	Code	EAN 13
KPS-PA900 MINI	602150032	8435394747224



*For further information about SMART technology please check page 3.

• KPS-PA440 Digital clamp meter

- Display clamp meter with open jaw
- Display: 6000 counts.
- AC/DC voltage, AC/DC current, resistance, capacitance and frequency measurement
- Auto Ranging, Auto Power Off
- Non-Contact detection
- Diode check and continuity buzzer
- Data Hold
- Auto range, auto-off, display backlight and low battery display
- CAT.III 6000V according to EN 61010

JAW SIZE Ø12mm/0.5"	VOLTAGE DC 600 V AC 600 V	CURRENT DC 1000 uA AC 200A
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Article	Code	EAN 13
KPS-PA440	602150033	8435394747231



DIGITAL CLAMP METERS

• KPS-PA10 Digital clamp meter

- Digital clamp meter
- Display: 2000 counts.
- AC/DC voltage, AC current and resistance measurement
- Diode check and continuity test.
- Data hold
- Display backlight and low battery display
- CAT II 1.000 V / CAT. III 600V according to EN 61010.



JAW SIZE Ø42mm / 1.7"	VOLTAGE DC 1000V AC 750V	CURRENT AC 1000A
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Article	Code	EAN 13
KPS-PA10	602150006	8435394710143



• KPS-PA700 Digital clamp meter

- Digital clamp meter
- Display: 6600 counts.
- 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.III 1000 V / CAT IV 600V according to EN 61010



JAW SIZE Ø40mm/1.6"	VOLTAGE DC 1000 V AC 750 V	CURRENT AC 1000 A
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Article	Code	EAN 13
KPS-PA700	602150030	8435394747200



DIGITAL CLAMP METERS

• KPS-PA720 Digital clamp meter

- Digital clamp meter
- 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. III 1000V + CAT. IV 600V according to EN 61010

JAW SIZE Ø40mm/1.6"	VOLTAGE DC 1000V AC 750V	CURRENT DC 1000A AC 1000A
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Article	Code	EAN 13
KPS-PA720	602150031	8435394747217



• KPS-PF10 Leakage clamp meter

- Leakage clamp meter
- Three manually selectable scales: 2mA/20mA/60A.
- Minimum resolution of 0,001mA
- Data hold
- Auto-off and low battery display
- Display: 2000 counts
- CAT.III 600V according to EN61010.

JAW SIZE Ø31mm / 1.2"	CURRENT AC 60A
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Article	Code	EAN 13
KPS-PF10	602150020	8435394710181



DIGITAL CLAMP METERS

• KPS-PF740 Leakage clamp meter

- Leakage clamp meter
- Minimum resolution of 0,001mA
- Display: 4000 counts
- Low pass filter function
- AC/DC voltage, AC current, resistance, capacitance and temperature measurement
- TRMS measurement
- Diode check and continuity buzzer
- MAX/MIN values
- Data hold
- Auto range, auto-off and low battery display
- CAT. III 600V according to EN 61010

JAW SIZE Ø32mm/1.2"	VOLTAGE DC 600V AC 600V	Current AC 150 A
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Article	Code	EAN 13
KPS-PF740	602150034	8435394747248



• KPS-PW300 Three phase digital power clamp meter

- 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
- Data Hold.
- Autoranging. Auto-off, display backlight and low battery display
- RS232 communication
- CAT. III 600V according to EN 61010

JAW SIZE Ø50mm/2.0"	VOLTAGE AC 600V	CURRENT AC 1000A
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Article	Code	EAN 13
KPS-PW300	602150038	8435394774732



DIGITAL CLAMP METERS

• KPS-SL100 AC line splitter

- AC line splitter
- Separates the Hot/Live conductor from the neutral and ground, allowing an easy AC current measurement using a clamp meter
- 2 rings for measuring current (x1 and x10)
- Voltage sockets for power calculations
- Voltage supply: 250VAC/15A(EU/UK) and 125VAC/15A(US)
- Frequency: 50-60Hz
- CAT II, 600V according to EN 61010

VOLTAGE (EU/UK)
AC 250V

VOLTAGE (US)
AC 125V

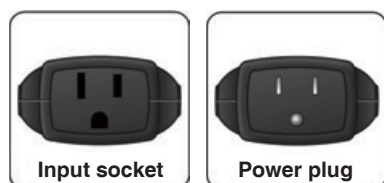
CURRENT
AC 15 A



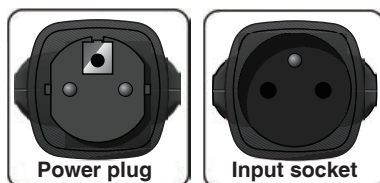
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KPS-SL100	602350028	8435394747484
KPS-SL100UK	602800017	8435394776477
KPS-SL100US	602800014	8435394776446



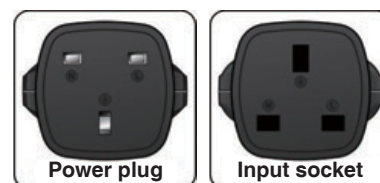
KPS-SL100



KPS-SL100EU



KPS-SL100UK



KPS Instruments Services

Added-value services to our Measuring Instruments Solutions:

- »» Our own labs
- »» Repair and calibration of instruments
- »» Technical support
- »» Training

DIGITAL CLAMP METERS

FUNCTIONS					
	PA420 MINI	PA20 MINI	PA430 MINI	PA900 MINI	PA440
Code	602150029	602150017	602150035	602150032	602150033
Alternating current, up to	400A	600A	400A	600A	200A
Direct current, up to	-	-	400A	-	1000μA
Alternating voltage, up to	600V	600V	600V	600V	600V
Direct voltage, up to	600V	600V	600V	600V	600V
Counts	2000	4000	4000	6000	6000
Resistance, up to	2kΩ	40MΩ	40MΩ	10MΩ	60MΩ
Frequency, up to	-	10kHz	1kHz	3kHz	60MHz
Temperature, up to	-	750°C	-	-	400°C
Continuity test	√	√	√	√	√
Diode check	√	√	√	-	√
Capacity, up to	-	100μF	-	-	60mF
Non-contact voltage detection	-	-	-	-	√
Inrush current	-	-	-	-	-
Low pass filter	-	-	-	-	-
Power measurements (W, VA, VAR, PF)	-	-	-	-	-
Harmonic measurements	-	-	-	-	-
True RMS measurement	-	-	-	-	-
Data hold	√	√	√	√	√
Relative measurement	-	-	√	-	-
Maximum/minimum values	-	-	√	√	-
Autoranging	-	√	√	√	√
Jaw size	28 mm	26mm with lighting	26 mm with lighting	26 mm with lighting	12 mm with lighting
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

DIGITAL CLAMP METERS



PA10	PA700	PA720	PF10	PF740	PW300
602150006	602150030	602150031	602150020	602150034	602150038
1000A	1000A	1000A	60A	150A	1000A
-	-	1000A	-	-	-
750V	750V	750V	-	600V	600V
1000V	1000V	1000V	-	600V	-
2000	6600	6000	2000	4000	6000
2kΩ	66MΩ	60MΩ	-	40MΩ	-
-	66MHz	10MHz	-	-	1kHz
-	1000°C	-	-	1000°C	-
√	√	√	-	√	-
√	√	√	-	√	-
-	66mF	100mF	-	40mF	-
-	√	√	-	-	-
-	-	√	-	-	-
-	-	-	√	√	-
-	-	-	-	-	√
-	√	√	-	√	√
√	√	√	√	√	√
-	√	√	-	-	-
-	√	√	-	√	-
-	√	√	-	√	√
42mm	40 mm with lighting	40 mm with lighting	31 mm	30 mm	50 mm
-	√	√	√	√	√
√	√	√	-	-	√
√	√	√	√	√	√
-	-	-	-	-	RS232
-	-	-	-	-	√
CAT. II 1000V CAT. III 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V CAT. IV 600V	CAT. III 600V	CAT. III 600V	CAT. III 600V

DIGITAL MULTIMETERS

• KPS-MT460 Pen-Type Digital Multimeter with NCV

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

VOLTAGE DC 600 V AC 600 V CURRENT DC 200 mA AC 200 mA

Article	Code	EAN 13
KPS-MT460	602250032	8435394747170



• KPS-MT10 Pocket size digital multimeter

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

VOLTAGE DC 600 V AC 600 V CURRENT DC 400 mA AC 400 mA

Article	Code	EAN 13
KPS-MT10	602250005	8435394710235



• KPS-MT70 Pocket size digital multimeter

- 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
- Battery tester
- Data hold
- Auto range, auto-off, display backlight and low battery display
- CAT. III 600V according to EN 61010

VOLTAGE DC 600 V AC 600 V CURRENT DC 600mA AC 600mA

Article	Code	EAN 13
KPS-MT70	602250033	8435394774671



DIGITAL MULTIMETERS

• KPS-MT30 Digital multimeter

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

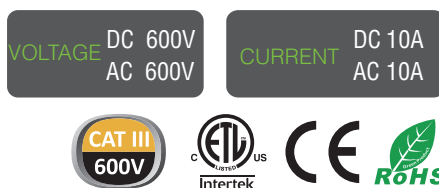


Article	Code	EAN 13
KPS-MT30	602250004	8435394710228



• KPS-MT420 Digital multimeter

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

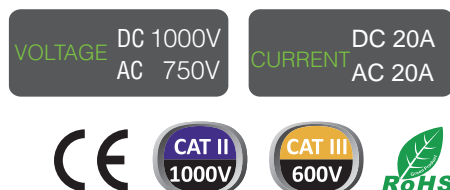


Article	Code	EAN 13
KPS-MT420	602250024	8435394747095



• KPS-MT425 Digital multimeter

- Digital multimeter
- Display: 2000 counts
- Digital multimeter up to 20A
- 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



Article	Code	EAN 13
KPS-MT425	602250034	8435394774688



DIGITAL MULTIMETERS

• KPS-MT440 Digital multimeter

- Digital multimeter
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement
- Display: 4000 counts
- Non-contact voltage detection
- Diode check and continuity buzzer
- Relative Measurement
- 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	DC 10A AC 10A
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Article	Code	EAN 13
KPS-MT440	602250025	8435394747101



• KPS-MT50 Digital multimeter

- Digital multimeter
- Display: 4000 counts.
- DC/AC voltage, DC/AC current, resistance, capacitance, frequency and temperature measurement
- Non-contact voltage detection
- Diode and continuity check buzzer
- MAX / MIN values, relative measurements
- Data hold
- Auto range, auto-off, display backlight and low battery display
- CAT. III 600V under EN61010.

VOLTAGE	DC 600V AC 600V	CURRENT	DC 10A AC 10A
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Article	Code	EAN 13
KPS-MT50	602250002	8435394710204



• KPS-MT470 Digital automotive multimeter

- 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	DC 10A AC 10A
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Article	Code	EAN 13
KPS-MT470	602250035	8435394774695



DIGITAL MULTIMETERS

• KPS-MT480 Digital multimeter with LAN tester

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

Article	Code	EAN 13
KPS-MT480	602250036	8435394774701

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A

CAT III 600V

ETL Intertek

CE

RoHS



• KPS-MT490 Digital environmental multimeter

- 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
- Data hold
- °C/°F selection.
- Auto range, auto-off, display backlight and low battery display
- CAT. III 600V according to EN61010.

Article	Code	EAN 13
KPS-MT490	602250037	8435394774718

VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A

CAT III 600V

ETL Intertek

CE

RoHS



• KPS-MT700 Digital multimeter

- Digital multimeter with USB connection
- Display: 6600 counts
- DC/AC voltage, DC/AC current, resistance, capacitance and frequency measurement
- Non-contact voltage detection
- Diode check and continuity buzzer
- MAX / MIN values, relative measurements
- Data hold
- Auto range, auto-off, display backlight and low battery display
- CAT. III 1000V, CAT. IV 600V according to EN 61010

Article	Code	EAN 13
KPS-MT700	602250026	8435394747118

VOLTAGE DC 1000V
AC 1000V

CURRENT DC 10A
AC 10A

CAT III 1000V

CAT IV 600V

ETL Intertek

CE

RoHS



DIGITAL MULTIMETERS

• KPS-MT720 Digital multimeter

- Digital multimeter
- Display: 6600 counts
- DC/AC voltage, DC/AC current, resistance, capacitance, and frequency measurement
- TRMS measurements
- No-contact voltage detection.
- Diode check and continuity buzzer
- MAX / MIN values, relative measurements
- Data hold
- Auto range, auto-off, display backlight and low battery display
- Low impedance input mode
- CAT. III 1000V, CAT. IV 600V according to EN 61010

VOLTAGE DC 1000V
AC 1000V

CURRENT DC 10A
AC 10A

Article	Code	EAN 13
KPS-MT720	602250027	8435394747125



• KPS-MT740 Digital multimeter

- Digital multimeter with insulation measurements
- Display: 6600 counts
- DC/AC voltage, DC/AC current, resistance, capacitance, frequency and temperature measurement
- TRMS measurement
- No-contact voltage detection
- Diode check and continuity buzzer
- MAX / MIN values, relative measurements
- Insulation measurements with DAR / PI: (50V, 100V, 250V, 500V and 1000V)
- 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 750V

CURRENT DC 400
AC 400

Article	Code	EAN 13
KPS-MT740	602250031	8435394747163



• KPS-MT900 Digital multimeter

- Digital multimeter
- Display: 6000 counts
- DC/AC voltage, resistance and frequency measurement
- SMART function, detecting automatically the measured parameter
- Continuity buzzer
- No-contact voltage detection
- MAX / MIN values
- Data hold
- Auto range, auto-off, display backlight and low battery display
- CAT. III 600V according to EN 61010

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what you are measuring!

VOLTAGE DC 600V
AC 600V

Article	Code	EAN 13
KPS-MT900	602250030	8435394747156



*For further information about SMART technology please check page 3.

DIGITAL MULTIMETERS

• KPS-MT920 Digital multimeter

- Digital multimeter with APP connection
- Display 4000 counts
- DC/AC voltage, DC/AC current, resistance, capacitance, and frequency measurement
- TRMS measurements.
- No-contact voltage detection.
- Diode check and continuity buzzer
- Relative measurements.
- Data hold.
- Auto range, auto-off, display backlight and low battery display
- Wireless connection with app.



VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A



Article	Code	EAN 13
KPS-MT920	602250028	8435394747132

*For further information about SMARTPHONE Connection please check page 1.

• KPS-MT940 Digital multimeter

- Digital multimeter with APP connection
- Display 4000 counts
- DC/AC voltage, DC/AC current, resistance, and frequency measurement
- TRMS measurements.
- No-contact voltage detection
- Diode check and continuity buzzer
- Battery tester
- Data hold
- Auto range, auto-off and low battery display
- Wireless connection with app
- CAT III 600V according to EN 61010



VOLTAGE DC 600V
AC 600V

CURRENT DC 10A
AC 10A



Article	Code	EAN 13
KPS-MT940	602250029	8435394747149

*For further information about SMARTPHONE Connection please check page 1.

DIGITAL MULTIMETERS

FUNCTIONS								
	KPS-MT460 Pen-type digital multimeter	KPS-MT10 Pocket size digital multimeter	KPS-MT70 Pocket size digital multimeter	KPS-MT30 Digital multimeter	KPS-MT420 Digital multimeter	KPS-MT425 Digital multimeter	KPS-MT440 Digital multimeter	KPS-MT50 Digital multimeter
Code	602250032	602250005	602250033	602250004	602250024	602250034	602250025	602250002
Altern voltage, up to	600V	600V	600V	600V	600V	750V	600V	600V
Direct voltage, up to	600V	600V	600V	600V	600V	1000V	600V	600V
Altern current, up to	200mA	400mA	600mA	-	10A	20A	10A	10A
Direct current, up to	200mA	400mA	600mA	10A	10A	20A	10A	10A
Counts	2000	2000	6000	2000	2000	2000	4000	4000
Resistance, up to	20MΩ	40MΩ	60MΩ	2MΩ	20MΩ	20MΩ	40MΩ	40MΩ
Frequency, up to	-	100kHz	10kHz	-	-	-	5MHz	10MHz
Temperature, up to	-	-	-	-	1000°C	1000°C	-	1000°C
Capacity, up to	-	100μF	600μF	-	-	-	100μF	4000μF
Continuity test	√	√	√	√	√	√	√	√
Transistor check	-	-	-	-	-	-	-	√
Diode check	√	√	√	√	√	√	√	√
Battery check	-	-	√	-	√	√	-	-
DWELL and TACH test	-	-	-	-	-	-	-	-
Network cable check	-	-	-	-	-	-	-	-
Phone and tone check	-	-	-	-	-	-	-	-
Environmental measurements (RH, temperature, Sound, Luminosity)	-	-	-	-	-	-	-	-
Insulation measurement	-	-	-	-	-	-	-	-
No-contact voltage detection	√	-	√	-	-	-	√	√
True RMS measurement	-	-	√	-	-	-	-	-
Low input impedance measurements	-	-	-	-	-	-	-	-
Data hold	√	√	√	√	√	√	√	√
Relative measurements	-	-	-	-	-	-	√	√
Maximum/minimum values	MAX	-	-	-	-	-	-	√
Autoranging	√	√	√	-	-	-	√	√
AutoOFF	√	√	√	-	√	√	√	√
Backlight display	-	-	√	-	-	-	√	√
Low battery display	√	√	√	√	√	√	√	√
PC connectivity	-	-	-	-	-	-	-	-
Data logging	-	-	-	-	-	-	-	-
Category under EN61010	CAT. III 600V	CAT. II 600V CAT. III 300V	CAT. III 600V	CAT. III 600V	CAT. III 600V	CAT. II 1000V CAT. III 600V	CAT. IV 600V	CAT. III 600V

DIGITAL MULTIMETERS

KPS-M470 Digital automotive multimeter	KPS-MT480 Digital multimeter with LAN tester	KPS-MT490 Digital envr. multimeter	KPS-MT700 Digital multimeter	KPS-MT720 Digital multimeter	KPS-MT740 Digital multimeter	KPS-MT900 Digital multimeter	KPS-MT920 Digital multimeter	KPS-MT940 Digital multimeter
602250035	602250036	602250037	602250026	602250027	602250031	602250030	602250028	602250029
600V	600V	600V	1000V	1000V	750V	600V	600V	600V
600V	600V	600V	1000V	1000V	1000V	600V	600V	600V
10A	10A	10A	10A	10A	400mA	-	10A	10A
10A	10A	10A	10A	10A	400mA	-	10A	10A
2000	2000	4000	6600	6600	6600	6000	4000	4000
20MΩ	20MΩ	40MΩ	66MΩ	66MΩ	66MΩ	10MΩ	40MΩ	40MΩ
-	-	200kHz	66MHz	66MHz	66kHz	3kHz	10MHz	-
-	-	1000°C	-	1000°C	1300°C	-	-	1000°C
-	-	100μF	66mF	66mF	66mF	-	100mF	-
√	√	√	√	√	√	√	√	√
-	-	-	-	-	-	-	√	-
√	√	√	√	√	√	-	√	√
-	-	-	-	-	-	-	-	√
√	-	-	-	-	-	-	-	-
-	√	-	-	-	-	-	-	-
-	√	-	-	-	-	-	-	-
-	-	√	-	-	-	-	-	-
-	-	-	-	-	50-1000V	-	-	-
-	√	-	√	√	-	√	√	√
-	-	-	√	√	√	-	√	√
-	-	-	-	√	-	-	-	-
√	√	√	√	√	√	√	√	√
-	-	-	√	√	√	-	√	-
MAX	MAX	-	√	√	√	√	-	-
√	√	√	√	√	√	√	√	√
√	√	√	√	√	√	√	√	√
√	√	√	√	√	√	√	√	-
√	√	√	√	√	√	√	√	√
-	-	-	USB	-	-	-	BT	BT
-	-	-	-	-	√	-	-	-
CAT. III 600V	CAT. III 600V	CAT. III 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V CAT. IV 600V	CAT. III 1000V	CAT. III 600V	CAT. III 600V	CAT. III 600V

VOLTAGE TESTERS

• KPS-DT10 Voltage detector up to 1.000V

- Non-contact voltage detection
- Voltage range: 90-1000 V AC
- Frequency: 50/60Hz
- Acoustic and LED indicate
- CAT. II 1000V according to EN61010

Article	Code	EAN 13
KPS-DT10	602350008	8435394710310

VOLTAGE
90-1000V~



• KPS-DT100 Voltage tester up to 1.000V

- Non-contact voltage detection
- Voltage range: 90-1000 V AC
- Frequency: 50/60Hz
- Acoustic and LED indicate
- CAT.II 1000V, CAT.III 600V according to EN 61010

Article	Code	EAN 13
KPS-DT100	602350019	8435394747255

VOLTAGE
90-1000VAC



• KPS-DT120 Voltage tester up to 1.000V (adjustable)

- Non-contact voltage detection
- Voltage range: 12-1000 V AC
- Frequency: 50-500Hz
- Acoustic and LED indicate
- AC Voltage sensitivity adjustment and memory sensitivity function
- Auto-off
- CAT.II 1000V, CAT.III 600V according to EN 61010

Article	Code	EAN 13
KPS-DT120	602350020	8435394747262

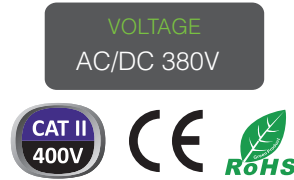
VOLTAGE
12-1000VAC



VOLTAGE TESTERS

• KPS-DT20 Voltage and continuity tester

- Two-pole voltage tester
- AC/DC voltage detection: 6V, 12V, 24V, 50V, 110V, 220V, 380V
- Voltage and polarity LED indication
- CAT.II 400V according to EN 61010



Article	Code	EAN 13
KPS-DT20	602350004	8435394710273



• KPS-DT200 Voltage tester

- Two-pole voltage detector
- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V
- Voltage and polarity LED indication
- CAT. III 400V according to EN61010



Article	Code	EAN 13
KPS-DT200	602350021	8435394747279



• KPS-DT220 Voltage tester

- Two-pole voltage tester
- AC / DC voltage detection: 12V, 24V, 50V, 120V, 230V, 400V
- Voltage and polarity LED indication
- RCD trigger tester
- CAT III 400V according to EN 61010



Article	Code	EAN 13
KPS-DT220	602350022	8435394747286



VOLTAGE TESTERS

FUNCTIONS	 KPS-DT10 Voltage tester	 KPS-DT100 Voltage tester	 KPS-DT120 Voltage tester	 KPS-DT20 Voltage tester	 KPS-DT200 Voltage tester	 KPS-DT220 Voltage tester
Code	602350008	602350019	602350020	602350004	602350021	602350022
Non-contact voltage detection	√	√	√	-	-	-
Voltage detection with contact	-	-	-	√	√	√
Voltage range	90-1000V	90-1000V	12-1000V	6-380V	12-400V	12-400V
Continuous voltage polarity indication	-	-	-	√	√	√
Resistance	-	-	-	-	-	-
RCD test	-	-	-	-	-	√
Sensitivity adjustment	-	-	√	-	-	-
Acoustic indication	√	√	√	-	-	-
Visual indication (LEDs)	√	√	√	√	√	√
Auto OFF	-	-	√	-	-	-
Category under EN61010	CAT. II 1000V	CAT. II 1000V CAT. III 600V	CAT. II 1000V CAT. III 600V	CAT. II 400V	CAT. III 400V	CAT. III 400V



Calibrations

In our labs we carry out calibrations based on the most demanding standards in the market:

- UNE 17025
- ISO 9001:2008

EARTH RESISTANCE TESTERS

• KPS-TL300 Earth resistance tester

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



Article	Code	EAN 13
KPS-TL300	602350024	8435394747309

VOLTAGE
0-200VAC

RESISTANCE
0,01~4,00 KΩ

• KPS-TL320 Earth resistance tester

- 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



Article	Code	EAN 13
KPS-TL320	602350025	8435394747316

VOLTAGE
0-200V

RESISTANCE
0-2000Ω

• KPS-TLP100 Earth resistance clamp meter

- 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



Article	Code	EAN 13
KPS-TLP100	602350031	8435394774664

JAW SIZE
45mm/32mm
1.8"x1.3"

CURRENT
0-20A

RESISTANCE
0-1200Ω

INSULATION TESTERS

• KPS-MA100 Insulation tester up to 1kV

- 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



VOLTAGE DC 1000 V
AC 750 V

Resistance 10GΩ

Article	Code	EAN 13
KPS-MA100	602350026	8435394747323



• KPS-MA500 Insulation tester up to 5kV

- 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



Resistance 5TΩ

Article	Code	EAN 13
KPS-MA500	602350027	8435394747330



INSULATION TESTERS

• 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

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

Article	Code	EAN 13
INSUTEST10000	603200000	8435394776408



MAIN FEATURES

- 2 Lines x 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 transmisión

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.



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" x 8 Alkaline Batteries
Dimensions	330 (L) x 260 (W) x 160 (D) mm
Weight	Approx. 4284g (battery included)
Safety standard	EN 61010-1 CAT IV 600V EN 61010-2-030 EN 61326-1
Accessories	<ul style="list-style-type: none"> • Instruction manual • Test leads • Data transmission cable CA-232 • Alligator clips • Batteries • Calibration certificate

CIRCUIT TESTERS

• KPS-CC600 Network cable tester BNC

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

Article	Code	EAN 13
KPS-CC600	602800000	8435394747347



• KPS-CC620 Network cable tester BNC/RJ

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

Article	Code	EAN 13
KPS-CC620	602800001	8435394747354



• KPS-CC640 Cable tracker

- 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

Article	Code	EAN 13
KPS-CC640	602800002	8435394747361



CIRCUIT TESTERS

• KPS-CC840 Advanced wire tracker

- Advanced wire tracker
- Find the Beaks or Shorts in Cable in the wall or under the floor
- Track Cables in the wall or Earth
- 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



Article	Code	EAN 13
KPS-CC840	602800003	8435394747378



• KPS-CC800 Socket tester

- Socket wiring tester / Detecting the following situations
- Correct wiring
- Missing earth
- Live/earth reverse
- Live/neutral reverse
- Missing neutral
- Acoustic and LED indication
- CATII 230V (EU/UK) and CATII 125V (US)
- Model KPS-CC810US includes GFCI button test



Article	Code	EAN 13
KPS-CC800	602800005	8435394747392
KPS-CC800UK	602800015	8435394776453
KPS-CC800US	602800011	8435394776415
KPS-CC810US	602800012	8435394776422



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

- Socket tester and circuit breaker finder
- Identify the correct circuit breaker supplying power to an outlet
- Acoustic and LED indication



Article	Code	EAN 13
KPS-CC820	602800004	8435394747385
KPS-CC820UK	602800016	8435394776460
KPS-CC820US	602800013	8435394776439



LCR TESTERS


• KPS-SMD500 Smart LCR Meter

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

Article	Code	EAN 13
KPS-SMD500	602800006	8435394747408

Resistance
30MΩ

CAPACITANCE
30mF

CE 



• KPS-SMD520 Smart LCR Meter


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

Article	Code	EAN 13
KPS-SMD520	602800007	8435394747415

Resistance
20MΩ

CAPACITANCE
6mF

INDUCTANCE
200 H

CE 




• KPS-SMD600 Digital LCR Meter

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

Article	Code	EAN 13
KPS-SMD600	602800008	8435394747422

INDUCTANCE
2H

CAPACITANCE
200μF

CE 



ENVIRONMENTAL METERS

• KPS-AN10 Digital Anemometer

- Digital Anemometer
- Display: 9,999 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

Article	Code	EAN 13
KPS-AN10	602450005	8435394710372



• KPS-DG100 Combustible gas detector

- 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 tiime (40% LEL) <2 Seconds

Article	Code	EAN 13
KPS-DG100	602450014	8435394747439

RESOLUCIÓN
50 ppm

ALARMA
10%~40 %



ENVIRONMENTAL METERS

• KPS-LX10 Digital light meter

- 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.

Article	Code	EAN 13
KPS-LX10	602450002	8435394710341

MEDICIÓN LUX
0-50000 LUX



• KPS-LX30LED Digital light meter

- 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

MEDICIÓN CD
99990 0

MEDICIÓN LUX
20000 0

MEDICIÓN FC
20000

Article	Code	EAN 13
KPS-LX30LED	602450011	8435394739267



• KPS-SN10 Digital sound level meter

- 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

MED. SONIDO
30dB-130dB

FRECUENCIA
31.5Hz-8KHz

Article	Code	EAN 13
KPS-SN10	602450004	8435394710365



THERMOMETERS

• KPS-TM500 Non-contact infrared thermometer

- 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.



Article	Code	EAN 13
KPS-TM500	602450019	8435394774749

REL. HUMIDITY 10%~90%	IRT TEMPERATURE -20°C~500°C
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• KPS-TM800 Non-contact infrared thermometer

- 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



Article	Code	EAN 13
KPS-TM800	602450015	8435394747446

IRT TEMPERATURE -40°C~800°C	K TEMPERATURE -40°C~1080°C
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THERMOMETERS

• KPS-TM300 Digital thermometer 1 channel

- 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

Article	Code	EAN 13
KPS-TM300	602450016	8435394747453

TYPE

K, J, T, E

CHANNEL

T1





• KPS-TM320 Digital thermometer 2 channels

- 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

Article	Code	EAN 13
KPS-TM320	602450017	8435394747460

TYPE

K, J, T, E

CHANNEL

T1/T2/T1-T 2





• KPS-TM340 Digital thermometer 2 channels with data logging

- 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

Article	Code	EAN 13
KPS-TM340	602450018	8435394747477

TYPE

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

CHANNEL

T1/T2/T1-T 2





INDUSTRIAL METERS

• KPS-TC10 Contact-type digital tachometer

- 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

Article	Code	EAN 13
KPS-TC10	602450008	8435394710402

RANGE
50~19999 RPM



• KPS-TC20 Non-contact-type digital tachometer

- 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

Article	Code	EAN 13
KPS-TC20	602450009	8435394710419

RANGE
50~100.000 RPM



• KPS-CF100 Motor and phase rotation indicator

- Phase sequence indicator in three-phase systems
- Motor rotation tester
- Non-contact rotary field indication
- LED indication
- Built-in test leads

Article	Code	EAN 13
KPS-CF100	602350029	8435394747491



DISTANCE METERS

KPS

• KPS-DM100 Laser distance meter

- Laser distance meter up to 100 meters
- Area & Volume Calculation
- Add and subtract measurement function
- Unit reflection: mm/inch/ft
- MAX/MIN values
- Data register
- Class II Laser
- Auto-off and display backlight

Article	Code	EAN 13
KPS-DM100	602800009	8435394747514

DISTANCE
0.05m~100 m



MEASURING INSTRUMENTS

• KPS-DM040 Laser distance meter

- Laser distance meter up to 40meters
- Area & Volume Calculation
- Add and subtract measurement function
- Unit reflection: mm/inch/ft
- Min/Max value
- Data register
- Max storage: 99 units
- Class II Laser
- Laser level: II
- Auto-off and display backlight

Article	Code	EAN 13
KPS-DM040	602800010	8435394747521

DISTANCE
0.05m~40 m



KPS

KITS

• ELECTRICAL SAFETY KITS

Different KITS of instruments for different needs

			
Article	SAFETYCHECK-BS	SAFETYCHECK-ADV	SAFETYCHECK-SP
Code	603300000	603300001	603300002
EAN	8435394776514	8435394776521	8435394776538
FUNCTIONS			
Including	<ul style="list-style-type: none"> • MULTICHECK TESTER (Multifunfion Tester) • KPS-PW300 (Power Clampmeter) • KPS-DT100 (Voltage detector) • KPS-PF740 (Leakage clampmeter) • KPS-LX30LED (Luxometer) 	<ul style="list-style-type: none"> • MULTICHECK TESTER (Multifunfion Tester) • POWERCOMPACT (Power Quality Analyzer) 	<ul style="list-style-type: none"> • MULTICHECK TESTER (Multifunfion Tester) • POWERCOMPACT (Power Quality Analyzer) • KPS-PF740 (Leakage clampmeter) • KPS-LX30LED (Luxometer) • KPS-PA720 (AC/DC Clampmeter)
Insulation resistance	•	•	•
Impedance (ZL/ZLoop)	•	•	•
Earth resistance	•	•	•
Continuity	•	•	•
Voltage (V)	•	•	•
Phase rotation	•	•	•
RCD test	•	•	•
Voltage deteccion	•	•	•
Power/Energy Logger	•	•	•
Network Analyzer		•	•
Armonics		•	•
Transisents and events		•	•
Luxometer	•		•
Floor insulation			•

KITS

KIT NAME	Code	EAN 13	Description of contents	Packaging
KIT-CONSTRUCTION	602500018	8435394776545	 <ul style="list-style-type: none"> • Screwdriver type voltage tester • Pocket multimeter • Metal detector 	card blister
KIT-QUICKCHECK /EU (EU VERSION)	602500019	8435394776552	 <ul style="list-style-type: none"> • Non-contact voltage detector • Socket tester (EU versión) 	card blister
KIT-QUICKCHECK /US (US VERSION)	602500020	8435394776569	 <ul style="list-style-type: none"> • Non-contact voltage detector • Socket tester (US versión) 	card blister
KIT-MAINTENANCE/EU (EU VERSION)	602500021	8435394776576	 <ul style="list-style-type: none"> • Non-contact voltage detector • Manual range digital multimeter • Socket tester (EU versión) 	card blister
KIT-MAINTENANCE/US (US VERSION)	602500022	8435394776583	 <ul style="list-style-type: none"> • Non-contact voltage detector • Manual range digital multimeter • Socket tester (US versión) 	card blister
KIT-APPLIANCES/EU (EU VERSION)	602500023	8435394776590	 <ul style="list-style-type: none"> • 400A AC clamp meter • Line splitter (EU versión) • Socket tester (EU versión) 	card blister
KIT-APPLIANCES/US (US VERSION)	602500024	8435394776606	 <ul style="list-style-type: none"> • 400A AC clamp meter • Line splitter (US versión) • Socket tester (US versión) 	card blister
KIT-ANY_MEASURE	602500025	8435394776613	 <ul style="list-style-type: none"> • 400A AC clamp meter • Manual range digital multimeter 	card blister
KIT-MAINTENANCE	602500026	8435394776620	 <ul style="list-style-type: none"> • 400A AC clamp meter • Non-contact voltaje detector 	card blister
KIT-ALL_IN_ONE	602500027	8435394776637	 <ul style="list-style-type: none"> • Manual range digital multimeter • Non-contact voltage detector • Electrical scissors 	card blister
KIT-THE_MASTER_CHOICE	602500028	8435394776644	 <ul style="list-style-type: none"> • Manual range digital multimeter • Electrical scissors • Cable stripper 	card blister

CABLES, TEST LEADS & THERMOCOUPLES

• KPS-PT30 Test leads with alligator clips

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



Article	Code	EAN 13
KPS-PT30	602990041	8435394710433



• KPS-CP400 Fused test probe with silicone test leads

- 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



Article	Code	EAN 13
KPS-CP400	602990140	8435394747545



• KPS-CP420 Test probe

- 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



Article	Code	EAN 13
KPS-CP420	602990141	8435394747552



• KPS-CP500 Alligator clips and test leads for earth resistance tester

- 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



Article	Code	EAN 13
KPS-CP500	602990142	8435394747569



CABLES, TEST LEADS & THERMOCOUPLES

• KPS-PT100 Alligator clip

- Length: 54mm
- Color: red, black

Article	Code	EAN 13
KPS-PT100	602990145	8435394747590



• KPS-PT120 Extra large alligator clip

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

Article	Code	EAN 13
KPS-PT120	602990146	8435394747606



• KPS-TP100 K type thermocouple

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

Article	Code	EAN 13
KPS-TP100	602990147	8435394747613



• KPS-TP300 K type thermocouple

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

Article	Code	EAN 13
KPS-TP300	602990148	8435394747620



• KPS-TP120 K type thermocouple

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

Article	Code	EAN 13
KPS-TP120	602990149	8435394747637



• KPS-TP320 K type thermocouple

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

Article	Code	EAN 13
KPS-TP320	602990150	8435394747644



CABLES, TEST LEADS & THERMOCOUPLES

• KPS-PT20

Test leads large size

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



Article	Code	EAN 13
KPS-PT20	602990042	8435394710440



• KPS-PT15

Test leads small size

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



Article	Code	EAN 13
KPS-PT15	602990076	8435394739250



• KPS-CP300

Test probe straight tipe & right angle type

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



Article	Code	EAN 13
KPS-CP300	602990143	8435394747576



• KPS-PT200

IC test clip

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



Article	Code	EAN 13
KPS-PT200	602990144	8435394747583





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