

ACCESSORIES & CONNECTORS

Electrician's tools

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Various accessories

PAGES 250 - 251



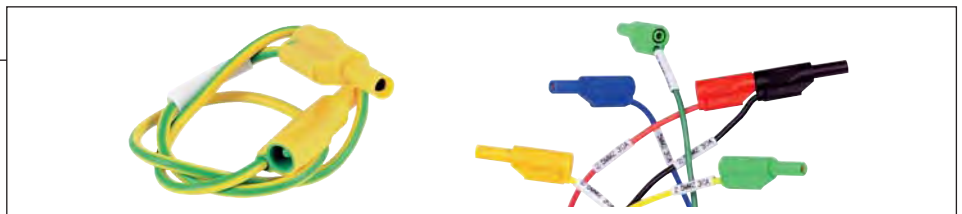
Sockets, plugs

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Leads & Racks

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Coaxial accessories

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Personnal Protective Equipment (PPE)

VOLTAGE TESTER



The probes are equipped with contact plates with retractable cover for connection to terminals 4mm in diameter.

ref. ST9121B

Info battery : 2 x LR03

Voltage detector ST9121 complies with IEC standard 61243-3 concerning test equipment for low-voltage electrical installations.

⚡ This mark certifies this compliance.

The mobile probe can also be attached laterally alongside the main probe, with a standard gap of 19mm from the 230V sockets to the safety eclipses.

The probes are equipped with contact plates with retractable cover for connection to terminals 4mm in diameter.

🔦 The mini-flashlight at the end of the probe allows one to illuminate a dark area. The AUTO TEST key checks the ST9121 before and after each use.

⚠ This LED indicates the presence of dangerous voltage, even with no batteries.

8 LEDs indicate DC or AC voltage from 12 to 690V DC or V AC 50Hz.

2 LEDs determine the polarity if voltage is DC or AC.

⚡ This LED lets one distinguish neutral phase(s).

The L and R LEDs determine the order of the L1 L2 L3 phases in three-phase setups.

VDC or VAC 50Hz	12,24,36,50,120,230,400,690 VAC or VDC
PHASE IDENTIFICATION	from 100 to 690VAC - 50Hz to 60Hz
IMPEDANCE TEST	rings if the tested resistance is < 30kOhms
PHASES ORDER (in 3-phase)	indication of the order L1 L2 L3
AUTOTEST	activate the voltage LED and the buzzer
SUPPLY	two AAA 1,5V batteries
DIMENSIONS/WEIGHT	250x50x40mm / 220g
CASE	with IP64 moulded holster
CARRYING CASE	delivered in standard

Other characteristics

Double insulation case ☑ . Working cycle : ED=30s

Response time < 0,1s In < 3mA AC or DC Is<20mA at 690Vrms

Conforms with the CEI 1010 norm Pol2 CATIV-600V CATIII-1000V

RESIDUAL CURRENT DEVICE TESTER

CA-DT33 gathers in one device all the essential functions to control and visualize instantly the quality and the conformity of electrical installations 230V :

- voltage presence
- connection to the earth
- residual current device of type AC or A

This apparatus is made for domestic, commercial and industrial installations.

- Control switch of residual currents of type AC and A, from 10 to 650mA (5 steps).
- Usable on standard wall socket 2P or 2P+E 10/16A of single-phase 230V circuit between PHASE and NEUTRAL.
- Earth connection indicator (GREEN LED).
- Phase position on the left or the right by manual selection (RED LIGHT).

Weight: 0.75 kg



ref. CA-DT33

EARTH & CONTINUITY MONITOR AND TESTER

Once it has been directly connected to a 2P+E socket, the earth & conductivity monitor and tester

CA-OHM2 can provide the following information:

- Voltage presence
- Normal or abnormal voltage
- Phase position
- Connection of earth to male prong
- Measurement of earth resistance
- Continuity control of metal parts (accessory supplied)

The display will be BLUE

- if all of the controls are normal.

The display will be RED

- if the earth value is greater than 100 ohms
- if the mains voltage is abnormally high
- if there is no earth

Weight: 0.75kg

SMALL POLE OPTION

For distance works, in 2 nestable elements. Ergonomic handle. Operating voltage 1000V max Connection of test probes on IP2X (4mm) sockets. Length: 80cm.



ref. CA-PER

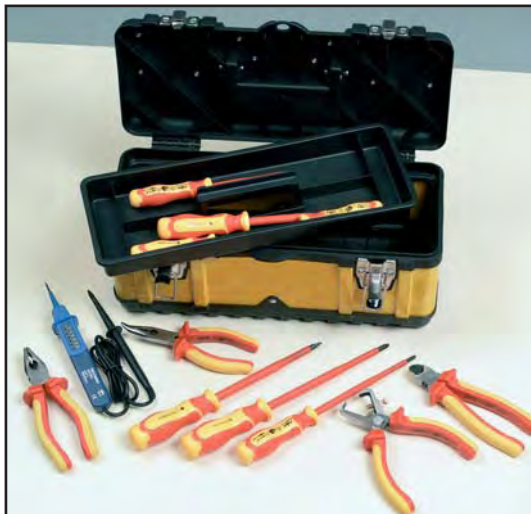


ref. CA-OHM2

Accessory supplied

Probe on cable drum with 7m thread for checking conduction.

Tool chest for student electricians



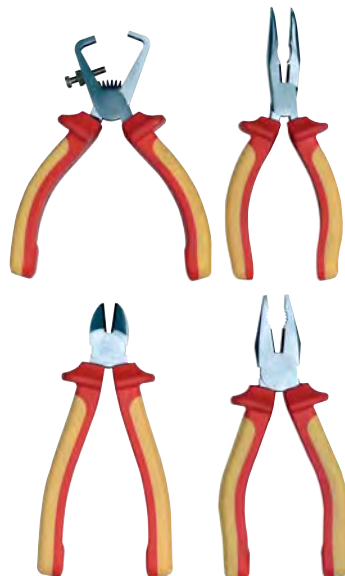
STEPSTOOL CHEST



Extremely sturdy, in plastic and steel, it stores tools and can serve as a stepstool for small jobs.

- Dimensions: 390 x 180mm. Height: 170mm.
- Interior dimensions: 380 x 150 x 140mm.
- Firmly attached plastic and rubber handle on a steel shaft
- Upper panel in riveted stainless steel
- Clasp and grommet closings for padlock
- Lid stays vertical when opened
- Interior inset box

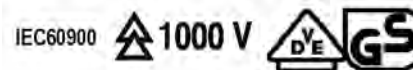
SET OF 4 PLIERS



Professional quality, no loosening on the shaft, rotates flexibly, in chrome/vanadium alloy. Steel used by the biggest tool manufacturers for its sturdiness.

These pliers comply with regulations on safety in the workplace for voltages up to 1,000V. Ergonomic and comfortable handle because of its combination of rigid and flexible plastics.

- 1 pair of cutting pliers, length: 165mm (can cut through carbon steel)
- 1 pair of stripper pliers, section up to 10mm², length: 160mm
- 1 set of bent nose pliers, length: 165mm (with cutting section at the rear)
- 1 pair of combination pliers, length: 170mm (with cutting section at the rear)



Brinell hardness : body HB470-510 cutting part HB600-620

Rockwell hardness : corps HRC44-48 cutting part HRC57-59

REF	BOX11	BOX12
Stepstool chest	yes	yes
set of 7 screwdrivers	yes	yes
Set of 4 pliers	yes	yes
Voltage tester	yes	no

VOLTAGE TESTER



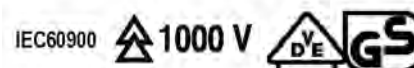
- 6-400V, 0-60Hz.
- Works without batteries.
- LED indicators.
- CAT II - 400V

SET OF 7 SCREWDRIVERS



Professional quality, in chrome/vanadium/molybdenum alloy, compliant with regulations on work products for voltages up to 1000V. Ergonomic and comfortable handle because of its combination of rigid and flexible plastics. The end of each screwdriver is magnetic.

- 1 flat, 6.5 x 150mm, total length: 260mm
- 1 flat 5.5 x 125mm, total length: 225mm
- 1 flat 4 x 100mm, total length: 195mm
- 1 flat 2.5 x 75mm, total length: 170mm
- 1 Phillips 6 x 175mm, total length: 285mm
- 1 Phillips 4.5 x 150mm, total length: 255mm
- 1 Phillips 3 x 100mm, total length: 200mm



Brinell hardness of the blades : HB600-630

Rockwell hardness of the blades : HRC57-60

Maintenance tool kit

ELECTROMECHANICAL MAINTENANCE TOOL KIT



ref. BOX25

- 5 accessories: ratchet/universal joint/handle/2 extensions
- 1 return spring pin
- 2 polyethylene tanks
- 3 storage boxes
- 1 spot oiler
- 3 drift punches

- 1 adjustable wrench
- 4 4/5/6/8mm pipe wrenches
- 15 male wrenches, between 0.28" and 3/8"
- 10 male wrenches, between 1 and 6mm
- 2 red and black shunt leads
- 13 combination wrenches, between 3.2 & 14 mm
- 1 electrician's knife
- 1 magnetic finger
- 1 double tape-measure
- 13 sockets, between 3.2 and 14mm
- 11 sockets, between 3/16" and 9/16"
- 1 dual-power soldering iron
- 2 red and black wire grips
- 2 sets of mm and inch thickness gauges
- 1 penlight
- 6 needle files
- 1 riveting hammer
- 1 insulated hammer
- 3 welding tools
- 1 pair of electrician's scissors
- 2 red and black wire picks
- 2 straight and bent half round nose pliers
- 1 pair of stripper pliers
- 1 pair of pliers for removing the integrated circuits
- 1 pair of reversible retaining ring pliers
- 1 pair of multiple slip joint pliers
- 1 pair of combination pliers
- 1 silk brush
- 3 pairs of laboratory forceps (straight/bent/reversed)
- 2 pairs of cutting pliers
- 3 nickel-plated red and black crocodile clips
- 1 scriber
- 1 punch
- 1 solder pump
- 1 steel rule and 1 roll of adhesive
- 2 flat stubby and cross-threaded screwdrivers
- 4 2.5/3/4/5.5mm insulated screwdrivers (1000V)
- 2 PH00-PH000 microelectronic screwdrivers
- 6 1.2/1.5/1.8/2/2.5/3mm flat microelectronic screwdrivers
- 3 PH0-PH1-PH22 Philips screwdrivers flat-blade
- 2 Screw-holding and cross-threaded screwdrivers
- 3 PZO/PZ1/PZ2 Pozidriv screwdrivers
- 1 testing screwdriver
- 2 welding braids

ELECTRONIC MAINTENANCE TOOL KIT



ref. BOX36

- 6 accessories: ratchet/universal joint/2 handles/2 extensions
- 2 polyethylene tanks
- 3 storage boxes

- 1 spot oiler
- 6 3.2 to 13mm open-end wrenches
- 1 adjustable wrench
- 8 male wrenches, between 1.5 and 8mm
- 15 male wrenches, between 0.28" and 3/8"
- 2 red and black shunt leads
- 1 electrician's knife
- 13 sockets, between 3.2 and 14mm
- 11 sockets, between 3/16" and 9/16"
- 1 soldering iron
- 2 red and black wire grips
- 2 sets of mm and inch thickness gauges
- 1 penlight
- 6 files
- 1 insulated mirror
- 1 pair of electrician's scissors
- 1 pair of flat-nosed pliers
- 2 straight and bent half round nose pliers
- 1 pair of stripper pliers
- 1 pair of welding pliers
- 1 pair of pliers for removing the integrated circuits
- 1 pair of straight laboratory forceps
- 1 pair of diagonal cutting pliers
- 1 pair of multiple slip joint pliers
- 1 brush
- 1 scriber
- 1 solder pump
- 1 steel rule
- 1 roll of adhesive
- 1 spring-hook
- 1 testing screwdriver
- 1 welding braid
- 1 jeweller's screwdriver with 3 blades
- 2 6.5-8mm screwdrivers
- 2 PH1-PH2 cross-threaded screwdrivers
- 2 flat stubby and cross-threaded screwdrivers
- 2 3.5-5.5mmmm insulated screwdrivers (1000V)
- 2 flat-blade screw-holding and cross-threaded screwdriver

ELECTRICAL MAINTENANCE TOOL KIT



- 3 storage boxes
- 1 1000V insulated adjustable wrench
- 5 1000V insulated flat wrenches
- 8 -10 - 12 - 13 - 14mm
- 1 1000V insulated cable cutter
- 1 skinning knife
- 1 fibre tape measure
- 46 bit sockets and square accessories measuring 1/4"
- 1 gas cutter
- 10 saw blades
- 1 saw frame
- 2 pairs of lug crimping pliers
- 1 pair of Colson pliers
- 1 pair of 1000V insulating cutting pliers
- 1 pair of locking pliers
- 1 pair of 1000V insulated multiple slip joint pliers
- 1 pair of 1000V insulated telephone pliers
- 1 pair of 1000V insulated combination pliers
- 1 weld roll
- 7 PH 00 -0-1-2 PZ 0-1-2 1000V insulated cross-threaded screwdrivers
- 5 2.5/3.5/4/5.5/6.5mm 1000V insulated flat screwdrivers
- 1 welding braid

ref. BOX47

Various accessories

ADAPTERS 50V MAX & EXTENSIONS



ref. ADM42



ref. ADM24



ref. MA42



ref. FDN2

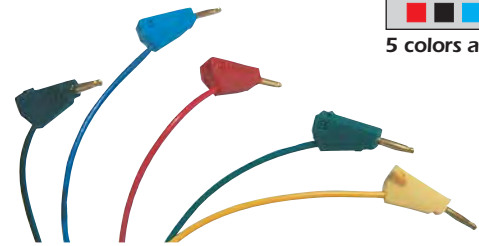


2 colors available except FDN2



ref. MA44

LEADS Ø2MM 50V MAX



5 colors available

Ref.	Length
211	10 cm
212	20cm
214	50cm
215	100cm

TEST PROBES



Length : 120mm
Compatible with safety connector Ø4mm
CEI1010 pol2 CATIV 600Vrms 10A



ref. PT4



Length : 142mm
Compatible with safety connector Ø4mm
CEI1010 pol2 CATIV 600Vrms 10A



ref. PT170

CABLE LUG ADAPTER 50V MAX



With fork lug suitable for screw terminals with screw diameter up to 6mm. Compatible with safety leads. Max. current: 30A



ref. SC17

SAFETY CROCODILE CLIPS 10A



Compatible with safety connector Ø4mm
Length 95mm.
Clamping limit : Ø30mm
CEI1010 pol2 CATIII 600Vrms 10A



ref. PC30

TEST CLIP



Compatible with safety connector Ø4mm
Length 160mm
CEI1010 pol2 CATIVrms 600V 5A



ref. H30S

CONNECTOR ADAPTER 50V MAX



Compatible with safety connector.
Max current 25A.

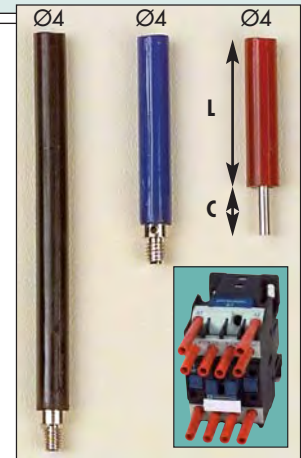


ref. SAA

CONNECTORS / ADAPTERS

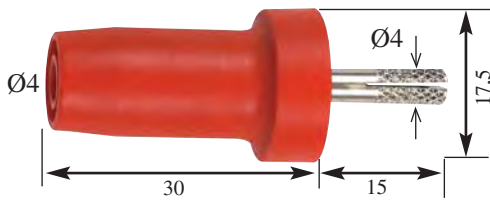
Adapters to connect on circuit-breakers, contactors, switches...
Compatible with safety leads 4mm.

Ref.	COLORS	Fixation	C	L
ADAM3	■ ■ ■ ■ ■	Threaded M3,5	5mm	38mm
ADAM4	■ ■ ■ ■ ■	Threaded M4	5mm	38mm
ADAL3	■ ■ ■	Threaded M3,5	5mm	73mm
ADAL4	■ ■ ■	Threaded M4	5mm	73mm
ADAS2	■ ■ ■	Smooth Ø2,4	9mm	28mm
ADAS3	■ ■ ■	Smooth Ø3,2	10mm	28mm
ADAK3	■ ■ ■	Threaded M3	5mm	38mm
TELA4-3.5	■ ■ ■ ■ ■	Threaded M3,5	5mm	21mm

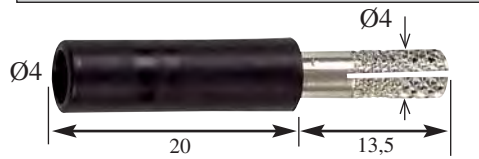


SAFE ADAPTERS

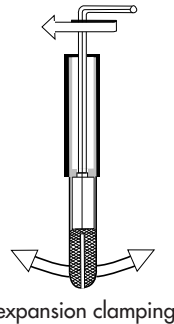
Allows the adaptation from a standard connector to a safe connector. Comes supplied with an allen key (AL15) to allow the head to be expanded for a secure fit



ref. NSAG



ref. NSAP



ref. AL15

Allen key

MOUNTING TOOLS



Keys for tightening sockets with screw threads

ref. CLESEC

LINK JUMPER Ø4MM



19mm apart

ref. CA19S

PRE-INSULATED CRIMPING LUGS

Ref	PHOTO	TYPE	SECTION
CM-102		Ring lug for Ø4 connection	from 0.75 to 1.5mm ²
CM-002		Ring lug for Ø4 connection	from 1.5 to 2.5mm ²
CM-060		Ring lug for Ø4 connection	from 4 to 6mm ²
CM-114		Half-insulated Faston lug 6.3	from 0.75 to 1.5mm ²
CM-013		Half-insulated Faston lug 6.3	from 1.5 to 2.5mm ²

Ref	PHOTO	TYPE	SECTION
CM-153		Fully-insulated Faston lug 6.3	from 0.75 to 1.5mm ²
CM-055		Fully-insulated Faston lug 6.3	from 1.5 to 2.5mm ²
CM-124		Half-insulated Faston lug 6.3 with male connector	from 0.75 to 1.5mm ²
CM-024		Half-insulated Faston lug 6.3 with male connector	from 1.5 to 2.5mm ²

CONNECTIONS

Sockets and plugs

JUTTING SOCKET

Current 32A.
Fixing hole $\varnothing 8,2$

COLORS

ref. BOX
CAT. III - 1000V

SOCKET TO STRIKE

For soldering or for a faston connector. Current 32A
Fixing hole $\varnothing 12,5$

COLORS

ref. DFF
CAT. III - 1000V

SOCKET TO STRIKE

Current 32A.
Fixing hole $\varnothing 12,5$

COLORS

ref. DF4
CAT. III - 1000V

SCREW-DOWN SOCKET

Current 32A.
Fixing hole $\varnothing 12,8$

COLORS

ref. DV4
CAT. III - 1000V

JUTTING MALE SOCKET

Compatible with all female sockets.

Support location

ref. BOZ
CAT. III - 1000V

SCREW-DOWN SOCKET

For soldering or for a faston connector. Current 32A
Fixing hole $\varnothing 12,8$

COLORS

ref. DVF
CAT. III - 1000V

JUTTING EARTHING SOCKET

Current 32A.
Fixing hole $\varnothing 8,2$

EXISTE EN

ref. BOM
CAT. III - 1000V

EARTHING SOCKET

Male
Current 32A.
Fixing hole $\varnothing 12,2$

ref. TERRA-M
CAT. III - 1000V

SCREW-DOWN EARTHING

Current 32A.
Fixing hole $\varnothing 12,8$

EXISTE EN

ref. D4M
CAT. III - 1000V

Plugs

SAFETY PLUG $\varnothing 4$ mm rear stacking

COLORS

ref. F97S
CAT. III - 1000V

EARTH SAFETY $\varnothing 4$ mm rear stacking

Only for foolproof earth sockets
(BOM / D4M / TERRA-M)

ref. FT98
CAT. III - 1000V

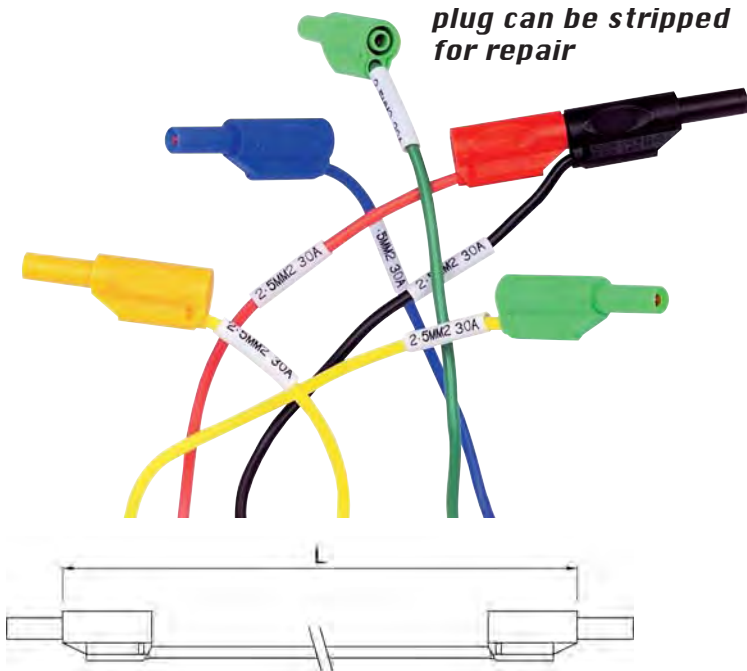
STANDARD PLUG 50V MAX. $\varnothing 4$ mm

Rear stacking

COLORS

ref. 74
CAT. III - 1000V

Ø4 safety leads - rear stacking



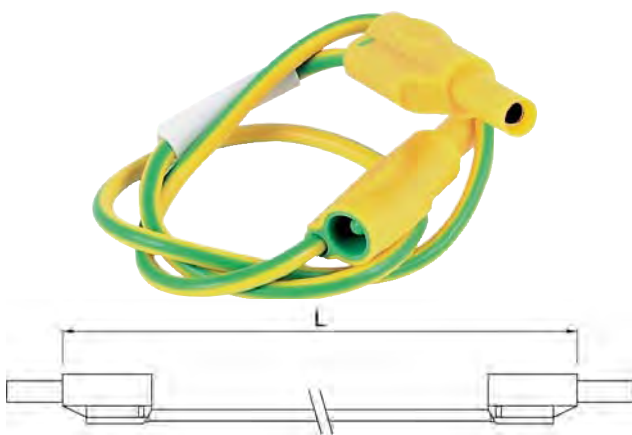
- Leads - rear stackable
- Excellent quality
- Insulated coupling
- Fixed cover
- Insulated body
- Detachable plug
- Very supple wire 30A
- Contacts formed into spring strips
- Working voltage 1000V CAT III
- Test voltage 7400V during 1 mn
- Tensile strength 150N
- Conforms to the standard CEI1010-1



Ref	Length
300S	25cm
301S	50cm
302S	100cm
303S	150cm
304S	200cm



Ø4 safety earth leads - rear stacking

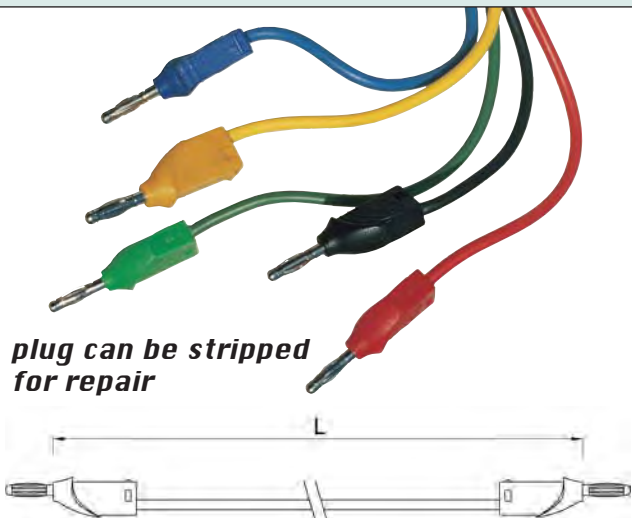


- Leads are male rear-stacking
- Conforms to the standard CEI1010-1
- Very supple wire 30A
- Fixed cover
- Strippable plug
- Contacts are formed into spring strips
- For foolproof earth sockets ref. BOM, TERRA-M

Ref	Length
T025	25cm
T050	50cm
T100	100cm
T150	150cm
T200	200cm



Ø4 standard leads - rear stacking



- All of the leads are rear stacking.
- The plugs can be stripped for repair.
- The contacts are formed into spring strips.
- Very supple wire, current of 20A allowable.
- 50V max



Ref	Length
N025	25cm
N050	50cm
N100	100cm
N150	150cm
N200	200cm



Test leads

SET OF TEST LEADS WITH BUIL-IN FUSE



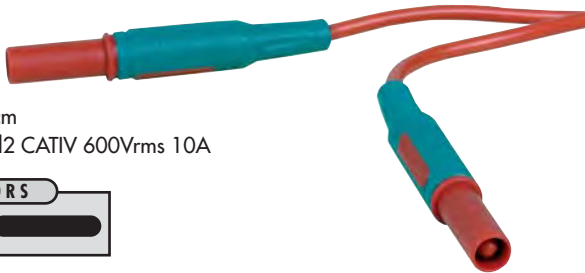
The body of the test probe has a standard fuse 6 x 30mm in it. The user can change the fuse according to the type of multimeter.
CATIII 600V Pol2 10A
Total length: 1.4m

ONE LEAD OF EACH COLOR



ref. PTFUSE the pair

MALE - MALE LEAD Ø4mm



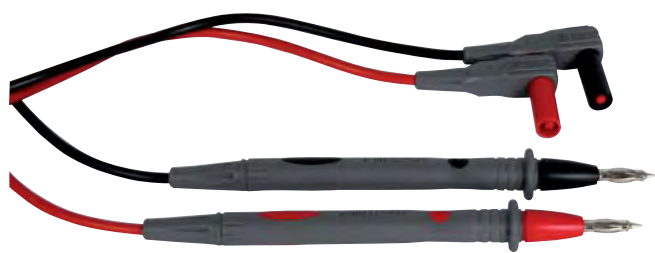
- Length 120cm
- CEI1010 Pol2 CATIV 600Vrms 10A

COLORS



ref. 209S

SET OF 2 TEST PROBES



ONE LEAD OF EACH COLOR



Ø4mm ends. Length 1,4m.
Safety male connectors. CATIII 1kV 10A

ref. PT1KV the pair

KIT FOR TESTS

Kit comprises

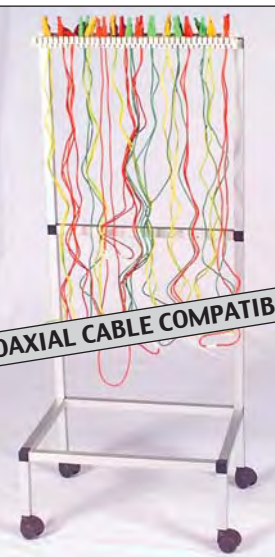
- 1 pair of leads with test leads
- 1 pair of test clips



ref. KITEST

Racks

CASTORS FITTED RACK



This test leads rack allows to put 150 test leads and to move them easily with its castors
Height: 1150mm (from the floor)
Depth: 250mm
Width: 500mm
4 swivel wheels

ref. RAN-CO

COAXIAL CABLE COMPATIBLE

SIMPLE RACKS

5 leads max between 2 fingers



COAXIAL CABLE COMPATIBLE

ref. RAT10

Length 17 cm, 10 fingers

ref. RAT20

Length 33 cm, 20 fingers

ref. RAT30

Length 50 cm, 30 fingers

Coaxial accessories

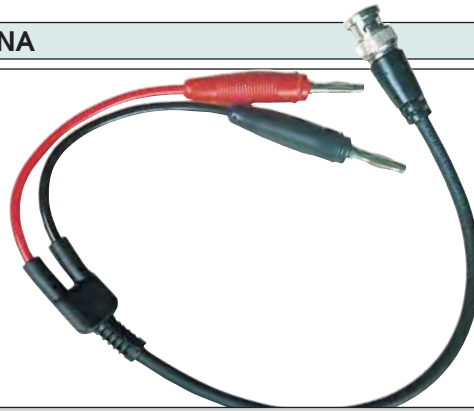
PROBES



Ref	HZ30	HZ36 switchable
Attenuation factor	10	directe / 10
Bandwidth MHz	100	10 / 100
Impedance on MΩ	10	1 / 10
Capacitance on pF	12	45 / 12
Max voltage V	600	600 / 600

Cable length 1.5m. BNC plug.
A wire grip and sleeves fit on the point.

COAXIAL CABLES BNC - BANANA



Ref	X20	X21	X22
Length	25cm	50cm	100cm

INSULATED COAXIAL CABLES



Completely insulated IPXX

BNC 50Ω - 4mm
Safety plugs.

CATIII - 300V

Ref	X61	X62
Length	50cm	100cm



Completely insulated IPXX

BNC 50Ω at both ends

CATIII - 300V

Ref	X70	X71	X72	X74
Length	25cm	50cm	100cm	200cm

BNC ADAPTERS



BNC BANANA
radial fitting

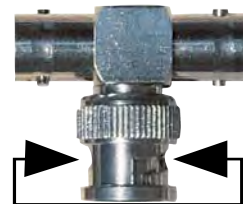
ref. ADA1



bayonet fitting

BNC BANANA
radial fitting

ref. ADA2



bayonet fitting

ref. TE

INSULATED BNC ADAPTERS



Insulated straight
connector female 50Ω

ref. XRD



Insulated T
connector male 50Ω

ref. XRT



BNC - BANANA
safety adapter 50Ω

CATIII - 300V

ref. ADA3