

Resistance measuring systems

Micro-Ohm Meter PROMET L10

00007154

Battery-operated micro-ohm meter for four-wire measurements on ohmic and inductive loads with an adjustable test current up to 10 A for the determination of resistances in the µΩ to kΩ range. It is designed for stand-alone operation or for operation with an Android smartphone.

Scope of delivery: measuring lead for four-wire measurement 3 m incl. current and voltage clips, battery charger, user manual (PDF), wrap-around bag.



Micro-Ohm Meter PROMET SE

00007173

Battery-operated micro-ohm meter for four-wire measurements on ohmic loads with an adjustable test current of up to 200 A and a measuring range up to 250 mΩ. In combination with an ACTAS test system, simultaneous measurement of 2 measurement points allows static and dynamic resistance determination on 2 interrupter units. Depending on the type of measurement, connections are made via cable sets which must be ordered separately. The micro-ohm meter is operated using the touch control panel on the device itself or via remote control with an ACTAS test system.

Scope of delivery: data cable 15 m, USB A-B cable, AC adapter, power cord, operating software, user manual (PDF), transport bag.



Valid from the availability of the PROMET SE retrofit kit with LAN and reset function!

Micro-Ohm Meter PROMET L100s

00007472

Micro-ohm meter for four-wire measurements on ohmic and inductive loads with an adjustable test current up to 100. It is operated using the touch control panel on the device itself. Used in combination with an ACTAS test system, static and dynamic determination of the main contact resistances of switchgear is possible.

Scope of delivery: USB and RJ45 cable, operating software, user manual (PDF).
Battery and charger not included!



Micro-Ohm Meter PROMET R300

00007373

Micro-ohm meter for four-wire measurements on ohmic loads with an adjustable test current up to 300 A in a 19" rack for installation in stationary test systems. Three voltage measurement inputs for the simultaneous determination of the resistance at three measurement points. It is operated using the touch control panel on the device itself. Used in combination with an ACTAS test system, static and dynamic determination of the main contact resistances of switchgear is possible.

Scope of delivery: Power cord, USB and R45 cable, operating software, user manual (PDF).



Micro-Ohm Meter PROMET R600

00007374

Micro-ohm meter for four-wire measurements on ohmic loads with an adjustable test current up to 600 A in a 19" rack for installation in stationary test systems. Three voltage measurement inputs for the simultaneous determination of the resistance at three measurement points. It is operated using the touch control panel on the device itself. Used in combination with an ACTAS test system, static and dynamic determination of the main contact resistances of switchgear is possible.

Scope of delivery: Power cord, USB and R45 cable, operating software, user manual (PDF).



Installation in portable housing for PROMET R300/R600

00006420

Closed housing with carrying handle for portable use of PROMET R300/R600. This article is only available when a new device is ordered.



Packages PROMET SE

Contact resistance measurement up to 100 A on 3 interrupter units for ACTAS P x60

00007175



Three PROMET SE micro-ohm meters for static and dynamic determination of contact resistances and of operating times with earthing on both sides on 3 poles with one interrupter unit with test currents up to 100 A. Simultaneous measurement on up to 6 interrupter units chambers is possible with further cable sets available as options.

Scope of delivery, 3 of each of the following: PROMET SE, high-current lead 10 mm² 5 m incl. high-current connection clamps, high-current lead 10 mm² 1 m incl. high-current connection clamps, voltage measuring lead 5 m incl. claw clips, voltage measuring lead 1 m incl. claw clips, data cable 15 m, USB A-B cable, AC adapter, power cord, operating software, user manual (PDF), transport bag.

Valid from the availability of the PROMET SE retrofit kit with LAN and reset function!

Contact resistance measurement up to 200 A on 3 interrupter units for ACTAS P x60

00007191



Three PROMET SE micro-ohm meters for static and dynamic determination of contact resistances and of operating times with earthing on both sides on 3 poles with one interrupter unit with test currents up to 200 A. Simultaneous measurement on up to 6 interrupter units is possible with further cable sets which are available as options.

Scope of delivery, 3 of each of the following: PROMET SE, 6 x high-current lead 25 mm² 3 m incl. high-current connection clamps, 6 x voltage measuring lead 3 m incl. claw clips, data cable 15 m, USB A-B cable, AC adapter, power cord, operating software, user manual (PDF), transport bag.

Valid from the availability of the PROMET SE retrofit kit with LAN and reset function!

3 x Micro-Ohm Meter PROMET SE for resistance measurement up to 200 A on up to 6 interrupter units for ACTAS P x60

00007414



Three PROMET SE micro-ohm meters for static and dynamic determination of contact resistances and of operating times with earthing on both sides on 3 poles with one interrupter unit with test currents up to 200 A. Simultaneous measurement on up to 6 interrupter units is possible with cable sets which are available as options.

Scope of delivery, 3 of each of the following: PROMET SE, data cable 15 m, USB A-B cable, AC adapter, power cord, operating software, user manual (PDF), transport bag.

Valid from the availability of the PROMET SE retrofit kit with LAN and reset function!

PROMET CE

Micro-Ohm Meter PROMET CE

00007519



Four-wire microohmmeter for ohmic loads with an adjustable test current of up to 100 A. Simultaneous recording of 2 measuring points in combination with an ACTAS C test system allows static and dynamic resistance determination on 2 interrupter units. Operation is via remote control with an ACTAS C test system.

Scope of delivery:

Cable set for one interrupter unit: high-current lead 10 mm² 5 m incl. high-current connection clamps, high-current lead 10 mm² 1 m incl. high-current connection clamps, voltage measuring lead 5 m incl. claw clips, voltage measuring lead 1 m incl. claw clips,

data cable Eth (M12) 15 m, carrying strap, user manual (PDF), module bag.

Contact resistance measurement with PROMET CE on 3 interrupter units for ACTAS C

00007530



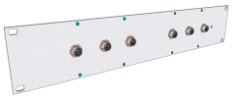
Three PROMET CE micro-ohm meters for static and dynamic determination of contact resistances and of operating times with earthing on both sides on 3 poles with one interrupter unit with test currents up to 100 A. Simultaneous measurement on up to 6 interrupter units is possible with further cable sets available as options.

Scope of delivery, 3 x each: PROMET CE, high-current lead 10 mm² 5 m incl. high-current connection clamps, high-current lead 10 mm² 1 m incl. high-current connection clamps, voltage measuring lead 5 m incl. claw clips, voltage measuring lead 1 m incl. claw clips,

data cable Eth (M12) 15 m, user manual (PDF), module bag.

Connection panel Contact resistance measurement PROMET CE for ACTAS C-Systems

00007506



3 resistance measuring devices PROMET CE for static and dynamic resistance measurement can be connected to up to 6 interrupter units on the connection panel. The power supply and all communication is carried out via one cable for each resistance measuring device.

Extension of connection panel #7506 with 3 additional PROMET CE connection for ACTAS C-Systeme

00007526

By expanding the connection panel #7506, an additional 3 resistance measuring devices PROMET CE can be connected for static and dynamic resistance measurement. This allows simultaneous measurements on up to 12 breaker units. The power supply and all communication for each resistance measuring device is provided via a single cable.

Accessories for PROMET L100s

Charger CHRG 55, EU

00007487



Charger for slide-on battery packs of volt classes 12 - 36V.
Battery voltage: 12 - 36 V
Mains voltage: 220 - 240 V
Mains frequency: 50 - 60 Hz Max.
Charging current: 3 / 4 A
Output power: 55 W Weight: 582 g

Battery Pack BP 184

00007474



LiHD battery pack with capacity indicator to check the charge level.
Voltage: 18 V
Capacity: 4 Ah
Weight: 580 g

Accessories

Connection unit CSW 3 for connecting PROMET SE to ACTAS P x60

00007180



Connection unit for the connection of three PROMET SE micro-ohm meters to test systems of the ACTAS P x60 series.
Scope of delivery: AC adapter, data cable 2 m.

Data cable 15 m for ACTAS/PROMET

00007090



Data cable RJ45 6 A 15 m for connecting a PROMET micro-ohm meter to an ACTAS test system.

Cable set CS 203 for PROMET SE

00006228



Cable set for connecting a PROMET SE to a measurement point for determining the static and dynamic contact resistance of an interrupter unit with a test current of up to 200 A.
Scope of delivery: 2 x high-current lead 25 mm² 3 m incl. high-current connection clamp, 2 x voltage measuring lead 3 m incl. claw clips.

Cable set CS 100-DRM for PROMET

00007172



Cable set for connecting a PROMET SE to a measurement point for determining the static and dynamic contact resistance of an interrupter unit with a test current of 100 A.
Scope of delivery: high-current lead 10 mm² 5 m incl. high-current connection clamp, high-current lead 10 mm² 1.0 m incl. high-current connection clamp, voltage measuring lead 5 m incl. claw clip, voltage measuring lead 1.0 m incl. claw clip.

Cable set CS 105 for PROMET

00006957



Cable set including accessories for connecting to a measurement point with a test current of 100 A.
Scope of delivery: 2 x high-current lead 16 mm² 5 m incl. high-current connection clamp (socket and plug Ø 9 mm), 2 x voltage measuring lead 5 m incl. claw clips.

Cable set CS 110 for PROMET

00006421



Cable set including accessories for connecting to a measurement point and for extension to 15 m with the standard cable set.
Scope of delivery: 2 x high-current lead 16 mm² 10 m incl. high-current connection clamp (socket and plug Ø 9 mm), 2 x voltage measuring lead 15 m incl. claw clips.

Cable set CS 205 for PROMET

00007377



Cable set including accessories for connecting to a measurement point with a test current of 200 A.
Scope of delivery: 2 x high-current lead 25 mm² 5 m incl. high-current connection clamp (socket and plug Ø 9 mm), 2 x voltage measuring lead 5 m incl. claw clips.

Cable set CS 305 for PROMET R300/R600

00007375



Cable set including accessories for connecting to a measurement point with a test current of 300 A.
Scope of delivery: 2 x high-current lead 50 mm² 5 m incl. high-current connection clamp (socket and plug Ø 13 mm), 2 x voltage measuring lead 5 m incl. claw clips.

Cable set CS 310 for PROMET R300 00007100

Cable set including accessories for connecting to a measurement point and for extension to 15 m with the standard cable set.
Scope of delivery: 2 x high-current lead 50 mm² 10 m incl. high-current connection clamp (socket and plug Ø 13 mm), 2 x voltage measuring lead 15 m incl. claw clips.



Cable set CS 605 for PROMET R300/R600 00007376

Cable set including accessories for connecting to a measurement point with a test current of 600 A.
Scope of delivery: 2 x high-current lead 70 mm² 5 m incl. high-current connection clamp (socket and plug Ø 13 mm), 2 x voltage measuring lead 5 m incl. claw clips.



Cable set CS 610 for PROMET R300/R600 00006422

Cable set including accessories for connecting to a measurement point and for extension to 15 m with the standard cable set.
Scope of delivery: 2 x high-current lead 70 mm² 10 m incl. high-current connection clamp (socket and plug Ø 13 mm), 2 x voltage measuring lead 15 m incl. claw clips.



Reduction plug 13/9 for PROMET R300/R600 00007370

Adapter for connecting high-current cables with a Ø 13 mm socket and a Ø 9 mm cable plug.
Scope of delivery: 2 reduction plugs



Voltage measurement cable 5 m for PROMET R300/R600 00006423

Cable for connecting to a measurement point.
Scope of delivery: 2 x voltage measuring lead 5 m incl. claw clips.



Voltage measurement cable 15 m for PROMET R300/R600 00006424

Cable for connecting to a measurement point.
Scope of delivery: 2 x voltage measuring lead 15 m incl. claw clips.



Calibration shunt 100 µohm for PROMET 00006993

DAkkS certified shunt for calibrating PROMET micro-ohm meters.



Temperature sensor ATS for PROMET SE/SMO/L10/L100 00006243

Analog surface probe for the determination of resistances with temperature compensation, measuring range -20...80°C. Incl. connection cable 3 m for direct connection to PROMET.



Kelvin clamps KC 35 for PROMET L10 00007169

Pair of measurement clamps with increased contact pressure for the determination of low-value resistances with the four-wire method. Current connection and voltage drop connection via 4 mm safety plug. Clamp length 135 mm, clamp opening 35 mm.



Kelvin clamps KC 40 for PROMET SE/SMO/L100 00006298

Pair of measurement clamps for the determination of low-value resistances with the four-wire method. Current connection via 9 mm high-current plug and voltage drop connection via 4 mm safety plug. Clamp length 165 mm, clamp opening 41 mm.



Kelvin clamps KC 90 for PROMET SE/SMO/L100 00007129

Pair of measurement clamps with increased contact pressure for the determination of low-value resistances with the four-wire method. Current connection via 9 mm high-current plug and voltage drop connection via 4 mm safety plug. Clamp length 210 mm, clamp opening 90 mm, contact pressure 14 kg.



Kelvin test probes KP 200 for PROMET 00007383

Pair of test probes with spring-loaded high current contacts for the determination of low-value resistances with the four-wire method. Length of housing: 170 mm, contact diameter: 20 mm, test current up to 200 A.



Current clamp 60/600 ADC for earth current measurement for PROMET SMO/L100 00007157

Active current clamp with switchable 40/400 AAC or 60/600 ADC measuring ranges for measuring direct and alternating currents, including connection cable 2 m.



Carrying case RCS 963 for PROMET R300/R600, EPOS 360 00007399

Extremely robust, water- and dust-proof carrying case. Easy handling due to telescopic handle and rollers, two mounts for padlocks. The case is delivered with a hard foam insert that fits the unit exactly. The hard foam insert is equipped with additional compartments for measuring cables and accessories. External dimensions 826 x 533 x 312 mm, weight: 10,2 kg.



Transport bag 00007315

Robustly made, padded transport bag, round design, with shoulder strap. The bag is fitted with reinforced panels for dimensional stability and features a separate compartment for accessories as well as a further removable bag.

