



Accessories for the mobile Power Quality Analyzers

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Rogowski Coils & Current Clamps

Rogowski Coils: 1A to 3.000A RMS, Accuracy: 1% Size: 61 cm (24"), set of 4 pieces, Diameter = 194mm, Rogowski clamp head = 9,9mm, Frequency range: 10Hz to 20kHz

111.7001

Rogowski Coils: 1A to 6.000A RMS, Accuracy: 1% Size: 91 cm (36"), set of 4 pieces, Diameter = 290mm, Rogowski clamp head = 9,9mm, Frequency range: 10Hz to 20kHz

111.7006

Rogowski Coils: 1A to 3.000A RMS, Accuracy: 1% Size: 40 cm (16"), set of 4 pieces, Diameter = 127 mm, Rogowski clamp head = 9 mm, Frequency range: 40Hz to 20kHz

111.7030

Rogowski Coils: 1A to 500A RMS, Accuracy: 1% Size: 22 cm (9"), set of 4 pieces, Diameter = 70mm, Rogowski clamp head = 6,1mm, Frequency range: 10Hz to 50kHz

111.7085

Current clamp: 4 probes CAT III 600V, MU-Metal clamp with two switchable measurement ranges (0...20A...200A), 15 mm inner diameter, set of 4 pieces (high precision – low angle error)



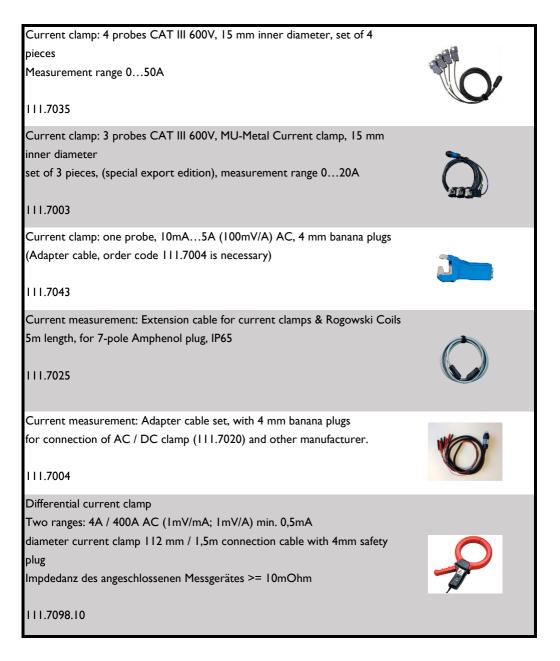












Current measurement: AC / DC Current clamp (set) for PQ-Box 200 & 300 Ix Current clamp with switchable measurement ranges 60A / 600 A (600mV output), Ix power supply for permanent supply.



Accessories voltage measurement	
Accessories voltage measurement: Magnetic voltage probe, 6mm With 4 mm safety plug (3 x black, 1 x blue) 6mm 111.7008	
Accessories voltage measurement: Magnetic voltage probe, 6mm with 4mm safety plug (3 x black, 1 x blue) 6mm 111.7045	11
Accessories voltage measurement: Test plug, With 4 mm safety banana sockets for voltage measurement at grounding receptacle universal socket 582.0509	Beeg
Accessories voltage measurement: Grip F – voltage tap Adjustable voltage tap for power bars, 030mm 111.7053	
Accessories voltage measurement: Clutch – voltage tap Voltage tap for fast and reliable contact of pins / bolt 111.7065	
Accessories voltage measurement: Spring Grabber– voltage tap Voltage tap for fast and reliable contact of pins / bolts III.7066	

Accessories voltage measurement: Test Tap – voltage tap Voltage tap for fast and reliable contact of sockets

111.7067

Accessories voltage measurement: Fuse voltage probe High performance fuse (IA) with both sides 4mm banana plugs usage with voltage measurement cables of PQ-Box 100.

111.7014.02

Accessories voltage measurement: Dolphin clamps For tapping the measuring voltage for the PQ-Box. The set contains: 3x red, 1x blue, 1x green clamps 1000 V, CAT III / 32 A

111.7024

Accessories voltage measurement: Extension of measuring lead To extant the measuring lead of the PQ-Box. Length: 2m. Colours: Black

111.7054.00

Accessories voltage measurement: Extension of measuring lead To extant the measuring lead of the PQ-Box. Length: 2m. Colours: Red

111.7054.01

Accessories voltage measurement: Extension of measuring lead To extant the measuring lead of the PQ-Box. Length: 2m. Colours: Blue

111.7054.02

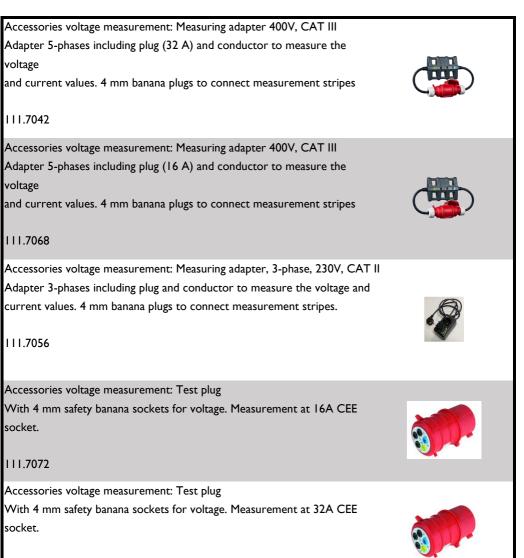
Accessories voltage measurement: Label set for measurement stripes Label set, different colored, to tag measurement stripes for international use.

111.7044

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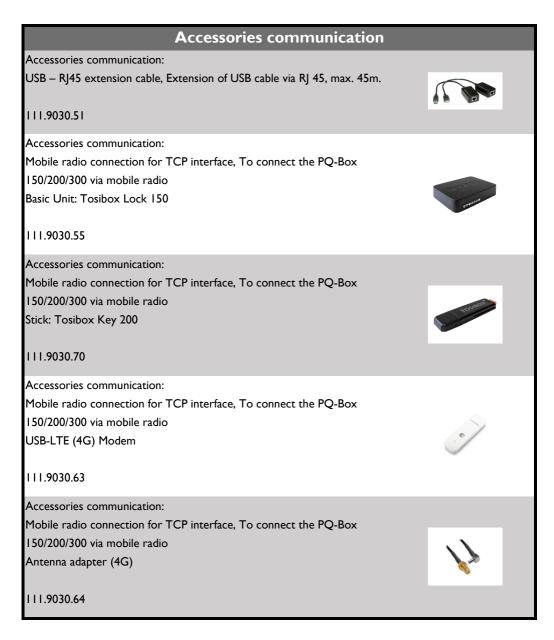




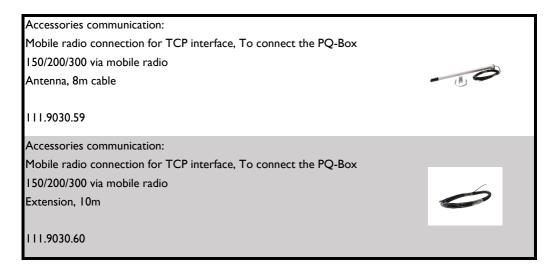


Accessories time sync	
Accessories time sync:	
Radio controlled GPS-clock with RS232 for PQ-Box	
Uh: H1 or H2, with accessory, H1: external AC 85V110V264V/DC	
88V220V280V	
111.9024.47	
Accessories time sync:	
Radio controlled GPS-clock with RS232 for PQ-Box	-
Uh: HI or H2, with accessory, H2: external DC 18V 60V 72V	
111.9024.48	
Spare parts, others: DCF 77 Radio controlled clock for PQ-Box 150/200/300	
incl. rotating wall holder, connection cable and documentation, output:	
R\$232.	
(Replaces the previous power supply unit 111.7069)	
111.9024.01	











Spare parts Weather protection cover for PQ-Box 50 and PQ-Box 150 Protection of the PQ-Box against strong water Suspension strap for PQ Box 564.0517 Spare parts, others: LEMP Isolation cover (very small) for PQ-Box 100 (only!) to cover measurement equipment during recording at the house connection box. A simple and really rough case of a weak and steady isolation material allows a maximum way of safety. The cover could be locked by a locker, cable connector or seal at the cable sleeves. Dimensions: 450x 250x250 mm 111.7012 Spare parts, others: LEMP Isolation cover for PQ-Box (small) to cover measurement equipment during recording at house connection-box. A simple and really rough

case of a weak and steady isolation ma-terial allows a maximum way of safety. The cover could be locked by a locker, cable connector or seal at the cable sleeves.

Dimensions: 470x300x240 mm









Spare parts, others: LEMP Isolation cover for PQ-Box (large) to cover measurement equipment during recording at house connection-box. A simple and really roughcase of a weak and steady isolation material allows a maximum way of safety. The cover could be locked by a locker, cable connector or seal at the cable sleeves. Dimensions: 735x435x240 mm 111.7086 Neodym magnet: suitable for hanging a PQ-Box 50 or 150 564.0505.01 Spare parts, others: Calib Box II: Calibration set for PQ-Box 100/150/200/300 for connecting a calibrator (default 230V). Adjustment of all U / I inputs via software with report. (Replaces the previous Calib Box 111.7039) 111.7039.10 Spare parts, others: Carrying box with forms for PQ-Box 50 and accessories. Case dimensions: 450x 360x 123mm. Plastic material, color black, weight 1500 g. 582.0040

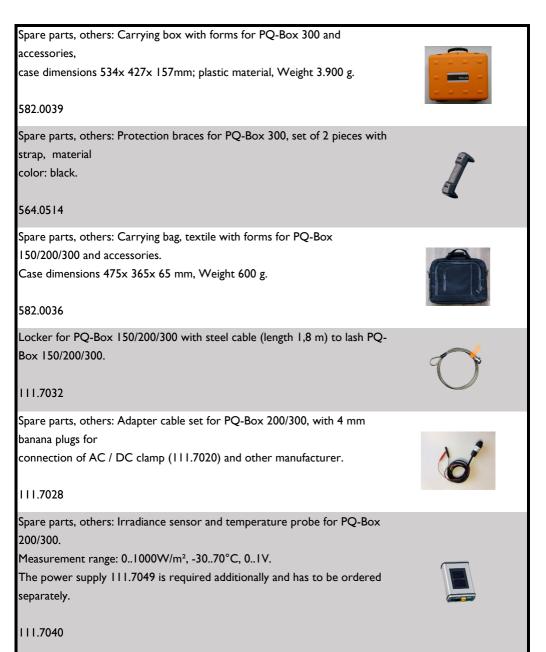




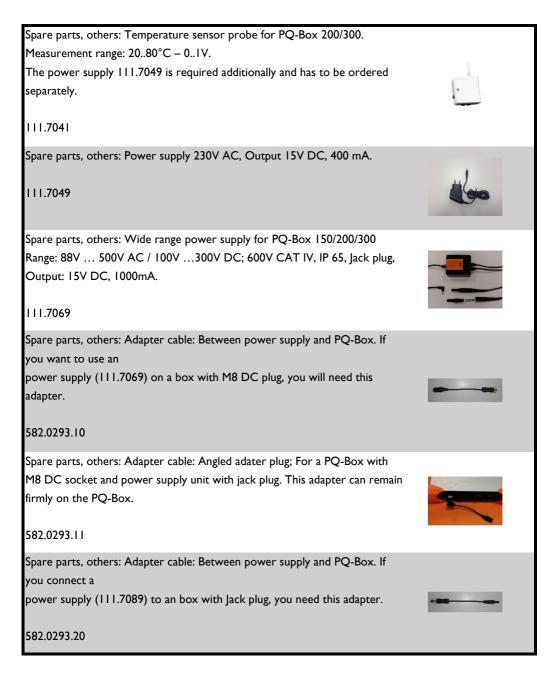




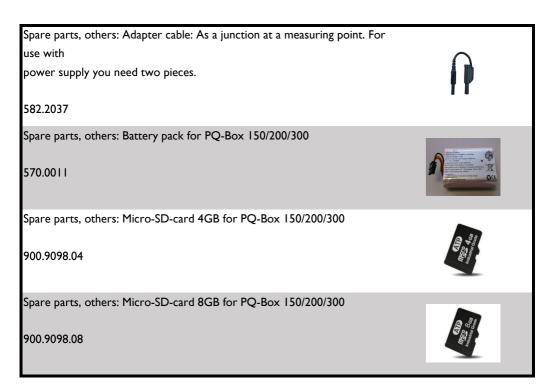
Spare parts, others: Carrying bag, textile with forms for PQ-Box 50 and accessories. Bag dimensions 420x 340x 85mm, weight 1.300 g. 582.0032.01 Spare parts, others: Protection cover for PQ-Box 50. A simple and really rough case to protect your PQ-Box 50. Material color: black. 564.0515 Spare parts, others: Battery pack for PQ-Box 50 570.0015 Spare parts, others: Carrying box with forms for PQ-Box 150 and accessories. Case dimensions: 534x 427x 157mm. Plastic material, weight 3.900 g. 582.0038 Spare parts, others: Carrying box with forms for PQ-Box 50 and accessories. Case dimensions: 450x 360x 123mm. Plastic material, color black, weight 1500 g. 582.0035 Spare parts, others: Protection braces for PQ-Box 200 with set of 2 pieces with strap; Material color orange. 564.0510



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Service

Service: Factory calibration current clamp set (No adjustment) Measurement points: 1A, 5A, 10A

200.0101

Service: Factory calibration rogowski coil set (No adjustment) Measurement points: 250A, 500A, 1000A

200.0102

Service: DAkkS calibration certificate basic data for PQ box (50, 150, 200,

300) and mini current clamp set

Voltages, currents and power.

Calibration laboratory checked and sent back with a detailed test report.

by an external calibration laboratory and returned with report document.

200.0202

Service: DAkkS calibration certificate basic data for PQ-Box (50, 150, 200,

300) and Rogowski clamp set

Voltages, currents and power.

Calibration laboratory checked and sent back with a detailed test report.

200.0203

Service: DAkkS calibration certificate for PQ box (150, 200, 300) and mini current clamp set Extensive calibration certificate including all harmonics and supraharmonics up to 9kHz for voltages and currents Calibration laboratory checked and sent back with a detailed test report.



Service: DAkkS calibration certificate for PQ box (150, 200, 300) and Rogowski clamp set Extensive calibration certificate including all harmonics and supraharmonics up to 9kHz for voltages and currents Calibration laboratory checked and sent back with a detailed test report. 200.0205 Service: DAkkS calibration certificate for PQ-Box (150, 200, 300) including current clamp set and Rogowski clamp set. Very extensive calibration certificate including all harmonics and supraharmonics up to 9kHz for voltages and currents for both current clamp sets Calibration laboratory checked and sent back with a detailed test report. 200.0206 Service: PQ-Box 100, Service package I, Recalibration with certificate and inspection sticker 200.0001 Service: PQ-Box 100, Service package II Recalibration with certificate and inspection sticker, new accu, new SD-card, 2GByte. 200.0002 Service: PQ-Box 50, Service package I, Recalibration with certificate and inspection sticker. 200.0013

Service: PQ-Box 150, Service package I, Recalibration with certificate and inspection sticker

200.0031

Service: PQ-Box 200, Service package I, Recalibration with certificate and inspection sticker

200.0011

Service: PQ-Box 300, Service package I, Recalibration with certificate and inspection sticker





Upgrade
Upgrade: PQ-Box 50: Basic (B0) to Light (B1)
Note: serial number required.
900.9298
Upgrade: PQ-Box 50: Light (B1) to Expert (B2)
Note: serial number required.
900.9299
Upgrade: PQ-Box 50: Basic (B0) to Expert (B2)
Note: serial number required.
900.9297
Upgrade: PQ-Box 50: Ripple control analysis (R0) to (R1)
Note: serial number required.
900.9296
Upgrade: PQ-Box 100: Basic (B0) to Light (B1).
Note: serial number required.
900.9090
Upgrade: PQ-Box 100: Light (B1) to Expert (B2).
Note: serial number required.
900.9091
Upgrade: PQ-Box 100: Basic (B0) to Expert (B2).
Note: serial number required.
900.9093



Upgrade: PQ-Box 100: Ripple control analysis (R0) to (R1). Note: serial number required.

900.9092

Upgrade: PQ-Box 150: Basic (B3) to Basic+ (B2) Note: serial number required.

900.9398

Upgrade: PQ-Box 150: Basic+ (B2) to Light (B0) Note: serial number required.

900.9390

Upgrade: PQ-Box 150: Light (B0) to Expert (B1) Note: serial number required.

900.9391

Upgrade: PQ-Box 150: Basic+ (B2) auf Expert (B1) Note: serial number required.

900.9393

Upgrade: PQ-Box 150: Basic (B3) to Light (B0) Note: serial number required.

900.9399

Upgrade: PQ-Box 150: Basic (B3) auf Expert (B1) Note: serial number required.



Upgrade: PQ-Box 150: Ripple control analyses (R0) to (R1) Note: serial number required.

900.9392

Upgrade: PQ-Box 150: Wifi (S0) to (S1) Note: serial number required.

900.9397

Upgrade: PQ-Box 200: Ripple control analyses (R0) to (R1) Note: serial number required.

900.9094

Upgrade: PQ-Box 200: Wifi (S0) to (S1) Note: serial number required.

900.9396

Upgrade: PQ-Box 200: Transient measuring board (T0) auf (T1) Note: device must be sent in for retrofitting.

200.0020

Upgrade: PQ-Box 300: Ripple control analyses (R0) to (R1) Note: serial number required.

900.9394

Upgrade: PQ-Box 300: Wifi (S0) to (S1) Note: serial number required.

