

We take care of it.



Accessories for the mobile Power Quality Analyzers

Valid from: 01.01.2022

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)



111.7015

Current clamp: 4 probes CAT III 600V, 15 mm inner diameter, set of 4 pieces
Measurement range 0...50A

111.7035

Current clamp: 3 probes CAT III 600V, MU-Metal Current clamp, 15 mm inner diameter

set of 3 pieces, (special export edition), measurement range 0...20A



111.7003

Current clamp: one probe, 10mA...5A (100mV/A) AC, 4 mm banana plugs
(Adapter cable, order code 111.7004 is necessary)



111.7043

Current measurement: Extension cable for current clamps & Rogowski Coils
5m length, for 7-pole Amphenol plug, IP65



111.7025

Current measurement: Adapter cable set, with 4 mm banana plugs
for connection of AC / DC clamp (111.7020) and other manufacturer.



111.7004

Differential current clamp

Two ranges: 4A / 400A AC (1mV/mA; 1mV/A) min. 0,5mA

diameter current clamp 112 mm / 1,5m connection cable with 4mm safety plug
Impedanz des angeschlossenen Messgerätes $\geq 10\text{m}\Omega$



111.7098

Current measurement: AC / DC Current clamp (set) for PQ-Box 200 & 300

1x Current clamp with switchable measurement ranges 60A / 600 A (600mV
output),

1x power supply for permanent supply.



111.7099

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 4 mm safety plug
(3 x black, 1 x blue) 6mm



111.7045

Accessories voltage measurement: Test plug, With 4 mm safety banana sockets for voltage measurement at grounding receptacle universal socket



582.0509

Accessories voltage measurement: Grip F – voltage tap
Adjustable voltage tap for power bars, 0..30mm



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



111.7066

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 (1A) 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

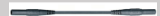
To extant the measuring lead of the PQ-Box. Length: 2m. Colours: Black



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

Accessories voltage measurement: Measuring adapter 400V, CAT III

Adapter 5-phases including plug (32 A) and conductor to measure the voltage and current values. 4 mm banana plugs to connect measurement stripes



111.7042

Accessories voltage measurement: Measuring adapter 400V, CAT III
Adapter 5-phases including plug (16 A) and conductor to measure the voltage and current values. 4 mm banana plugs to connect measurement stripes



111.7068

Accessories voltage measurement: Measuring adapter, 3-phase, 230V, CAT II
Adapter 3-phases including plug and conductor to measure the voltage and current values. 4 mm banana plugs to connect measurement stripes.



111.7056

Accessories voltage measurement: Test plug
With 4 mm safety banana sockets for voltage. Measurement at 16A CEE socket.



111.7072

Accessories voltage measurement: Test plug
With 4 mm safety banana sockets for voltage. Measurement at 32A CEE socket.



111.7073

Accessories communication and time sync

Accessories communication and time sync:

Radio controlled GPS-clock with RS232 for PQ-Box

Uh: H1 or H2, with accessory, H1: external AC 85V...110V...264V/DC
88V...220V...280V



111.9024.47

Accessories communication and time sync:

Radio controlled GPS-clock with RS232 for PQ-Box

Uh: H1 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: RS232.
(Replaces the previous power supply unit 111.7069)



111.9024.01

Accessories communication and time sync:

USB – RJ45 extension cable, Extension of USB cable via RJ 45, max. 45m.



111.9030.51

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box 150/200/300 via
mobile radio

Basic Unit: Tosibox Lock 150



111.9030.55

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box I 50/200/300 via mobile radio

Stick: Tosibox Key 200

I 11.9030.70

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box I 50/200/300 via mobile radio

USB-LTE (4G) Modem

I 11.9030.63

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box I 50/200/300 via mobile radio

Antenna adapter (4G)

I 11.9030.64

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box I 50/200/300 via mobile radio

Antenna, 8m cable

I 11.9030.59

Accessories communication and time sync:

Mobile radio connection for TCP interface, To connect the PQ-Box I 50/200/300 via mobile radio

Extension, 10m

I 11.9030.60

Spare parts

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 material 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



111.7071

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 I 11.7039)



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: Protection cover for PQ-Box 100.
A simple and really rough case to protect your PQ-Box 100. Material color: orange.

564.0500

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

Spare parts, others: Carrying box with forms for PQ-Box 300 and accessories,
case dimensions 534x 427x 157mm; plastic material, Weight 3.900 g.



582.0039

Spare parts, others: Protection braces for PQ-Box 300, set of 2 pieces with strap,
material
color: black.



564.0514

Spare parts, others: Carrying bag, textile with forms for PQ-Box 150/200/300 and
accessories.

Case dimensions 475x 365x 65 mm, Weight 600 g.



582.0036

Locker for PQ-Box 150/200/300 with steel cable (length 1,8 m) to lash PQ-Box
150/200/300.



111.7032

Spare parts, others: Adapter cable set for PQ-Box 200/300, with 4 mm banana plugs
for
connection of AC / DC clamp (111.7020) and other manufacturer.



111.7028

Spare parts, others: Irradiance sensor and temperature probe for PQ-Box 200/300.
Measurement range: 0..1000W/m², -30..70°C, 0..1V.

The power supply 111.7049 is required additionally and has to be ordered separately.



111.7040

Spare parts, others: Temperature sensor probe for PQ-Box 200/300. Measurement range: 20..80°C – 0..1V.

The power supply 111.7049 is required additionally and has to be ordered separately.



111.7041

Spare parts, others: Power supply 230V AC, Output 15V DC, 400 mA.

111.7049



Spare parts, others: Wide range power supply for PQ-Box 150/200/300

Range: 88V ... 500V AC / 100V ...300V DC; 600V CAT IV, IP 65, Jack plug,

Output: 15V DC, 1000mA.

111.7069

Spare parts, others: Adapter cable: Between power supply and PQ-Box. If you want to use an power supply (111.7069) on a box with M8 DC plug, you will need this adapter.



582.0293.10

Spare parts, others: Adapter cable: Angled adapter plug; For a PQ-Box with M8 DC socket and power supply unit with jack plug. This adapter can remain firmly on the PQ-Box.



582.0293.11

Spare parts, others: Adapter cable: Between power supply and PQ-Box. If you connect a power supply (111.7089) to an box with Jack plug, you need this adapter.



582.0293.20

Spare parts, others: Adapter cable: As a junction at a measuring point. For use with power supply you need two pieces.



582.2037

Spare parts, others: Battery pack for PQ-Box 150/200/300



570.0011

Spare parts, others: Micro-SD-card 4GB for PQ-Box 150/200/300



900.9098.04

Spare parts, others: Micro-SD-card 8GB for PQ-Box 150/200/300



900.9098.08

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 of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

200.0201

Service: DAkkS calibration of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

200.0202

Service: DAkkS calibration of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

200.0203

Service: DAkkS calibration of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

200.0204

Service: DAkkS calibration of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

200.0205

Service: DAkkS calibration of PQ-Box

Depending on the complexity of the desired measurement points and test accessories. The PQ-Box, current clamp and / or rogowski coil is checked by an external calibration laboratory and returned with report document.

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

200.0012

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.

900.9400

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.

900.9395