

We take care of it.



Accessories for the mobile Power Quality Analyzers

Valid from: 01.01.2023

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 $\geq 10\text{m}\Omega$



111.7098.10

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 time sync

Accessories 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 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

Accessories communication:

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



111.9030.51

Accessories communication:

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:

Mobile radio connection for TCP interface, To connect the PQ-Box

150/200/300 via mobile radio

Stick: Tosibox Key 200



111.9030.70

Accessories communication:

Mobile radio connection for TCP interface, To connect the PQ-Box

150/200/300 via mobile radio

USB-LTE (4G) Modem



111.9030.63

Accessories communication:

Mobile radio connection for TCP interface, To connect the PQ-Box

150/200/300 via mobile radio

Antenna adapter (4G)



111.9030.64

Accessories communication:

Mobile radio connection for TCP interface, To connect the PQ-Box

150/200/300 via mobile radio

Antenna, 8m cable



111.9030.59

Accessories communication:

Mobile radio connection for TCP interface, To connect the PQ-Box

150/200/300 via mobile radio

Extension, 10m



111.9030.60

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



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 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



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 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.

200.0204

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

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