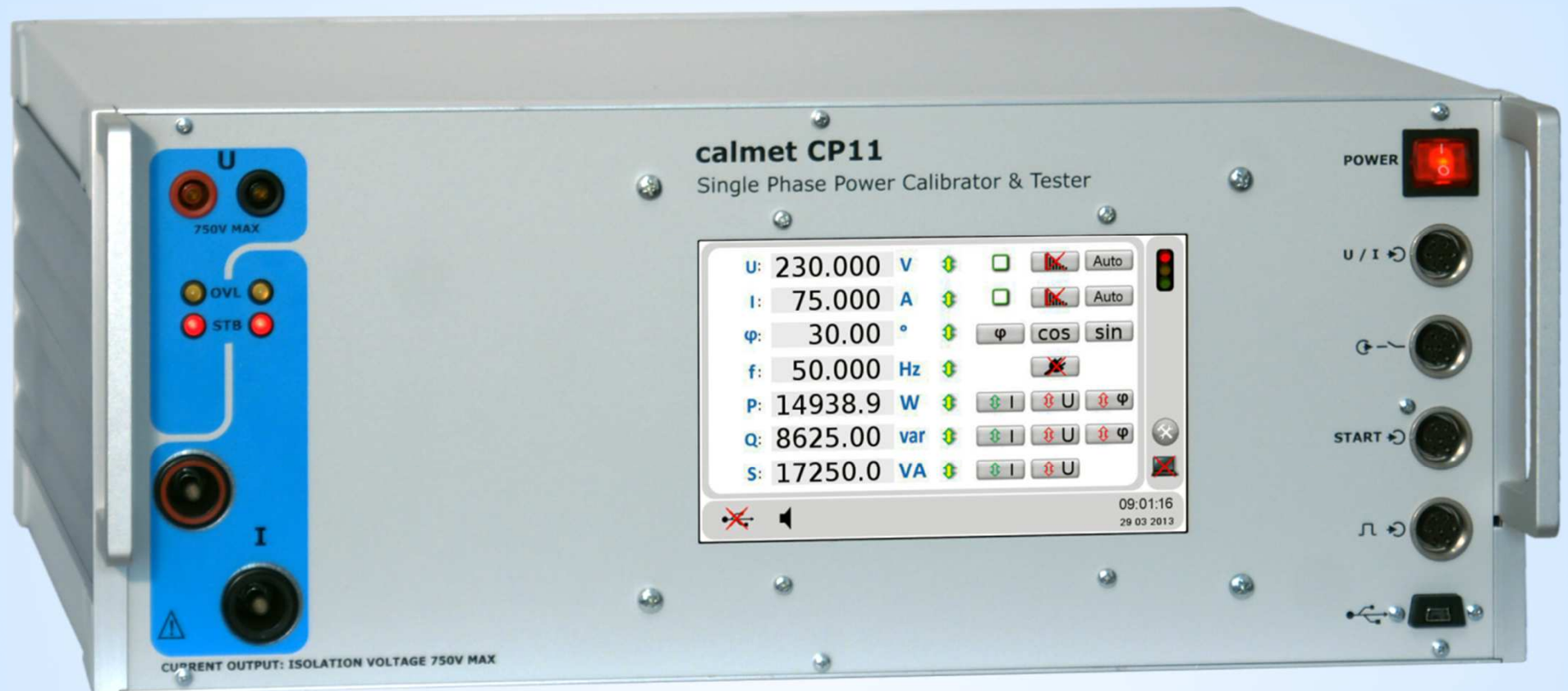
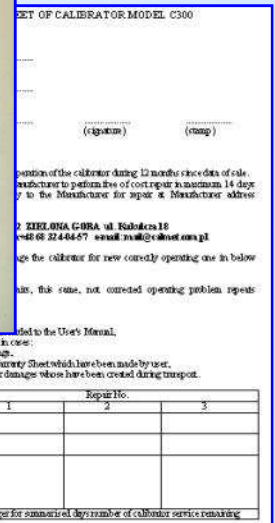
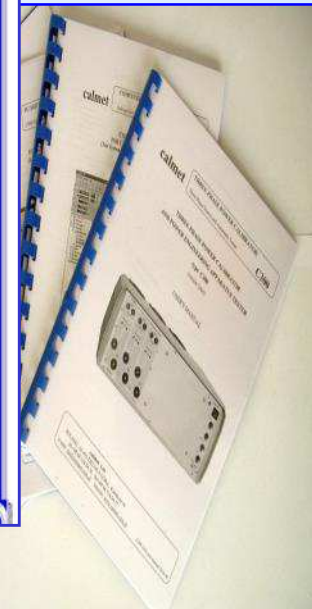
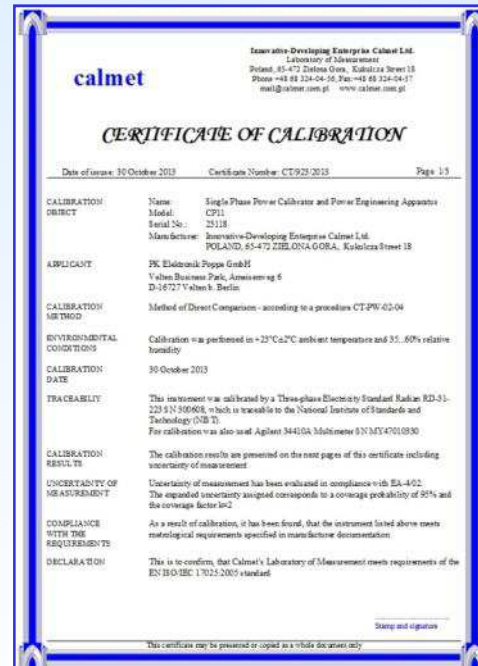


CP11



Single Phase Power Calibrator and Tester of Power Engineering Devices

Standard accesories



Calpro 300 Basic software

Calibration certificate,
operation manual, guarantee

Standard accesories



Power cord



USB mini / USB A interface
cable

Standard accessories



Set of safety voltage cables

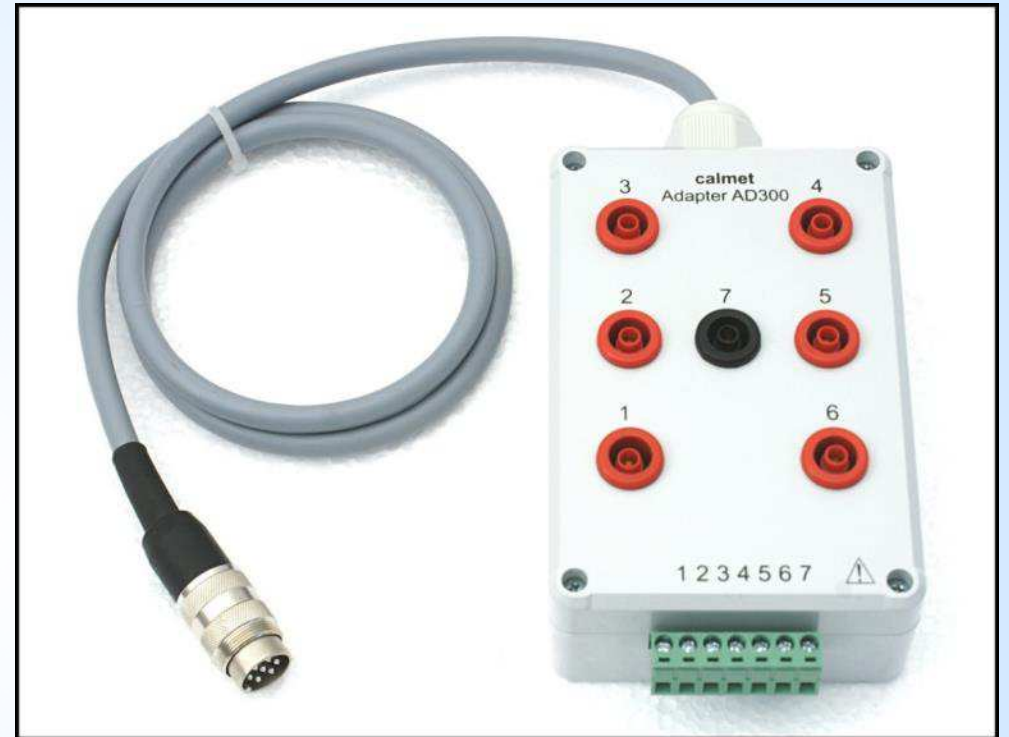


Set of safety current cables up to 20A

Standard accessories



Set of accessories for safety cables



AD300 sockets adapter

Standard accesories

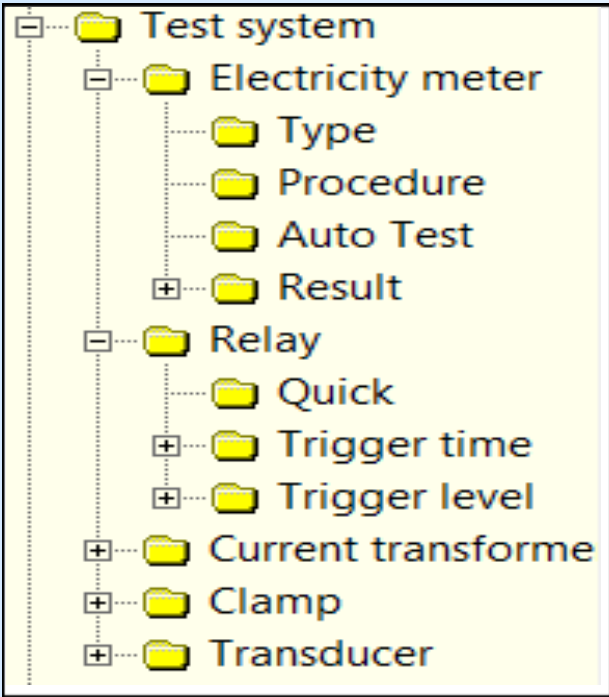


Fuse type T2A, 250V, 5x20

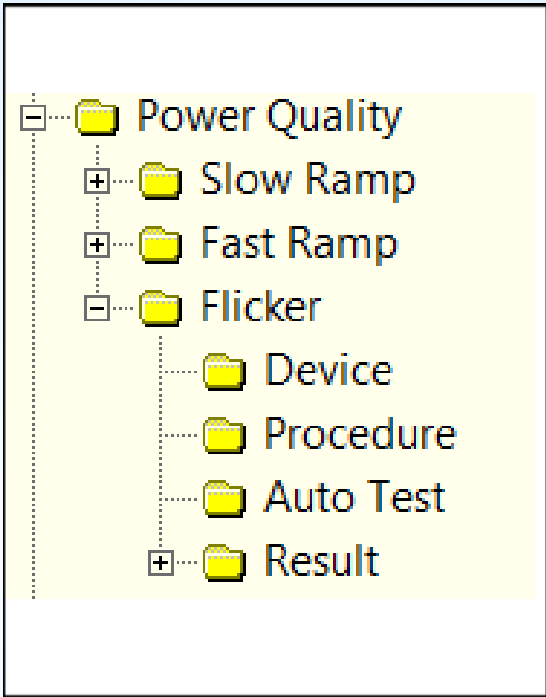


C091A T3475-001 plug
Amphenol

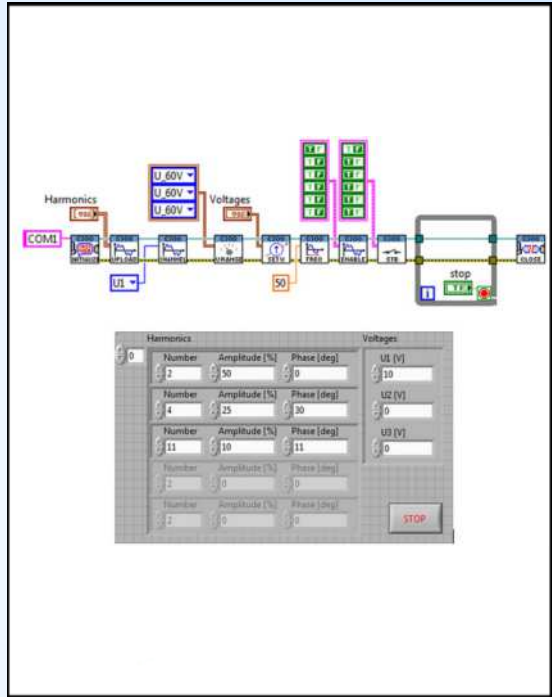
Optional accessories



Calpro 300TS –
test system
software



Calpro 300PQ –
power quality
software



C300LabView –
LabView Driver
for CP11
Calibrator

Optional accessories



Laptop PC with Calpro 300
Basic software



MPX8 – eight channel meter
error calculator with Mpx8
software

Optional accessories



EA11 – current cables up to 120A with set of replaceable terminals



ET11 – transportation case

Optional accessories



CF100 – miniature photo head
for meters with LED



CF101 – miniature photo head
for inductive meters

Optional accessories



UCF100 – holder for CF100
and CF101 photo heads



CF102 – photo head with
holder for inductive meter and
meter with LED

Optional accessories

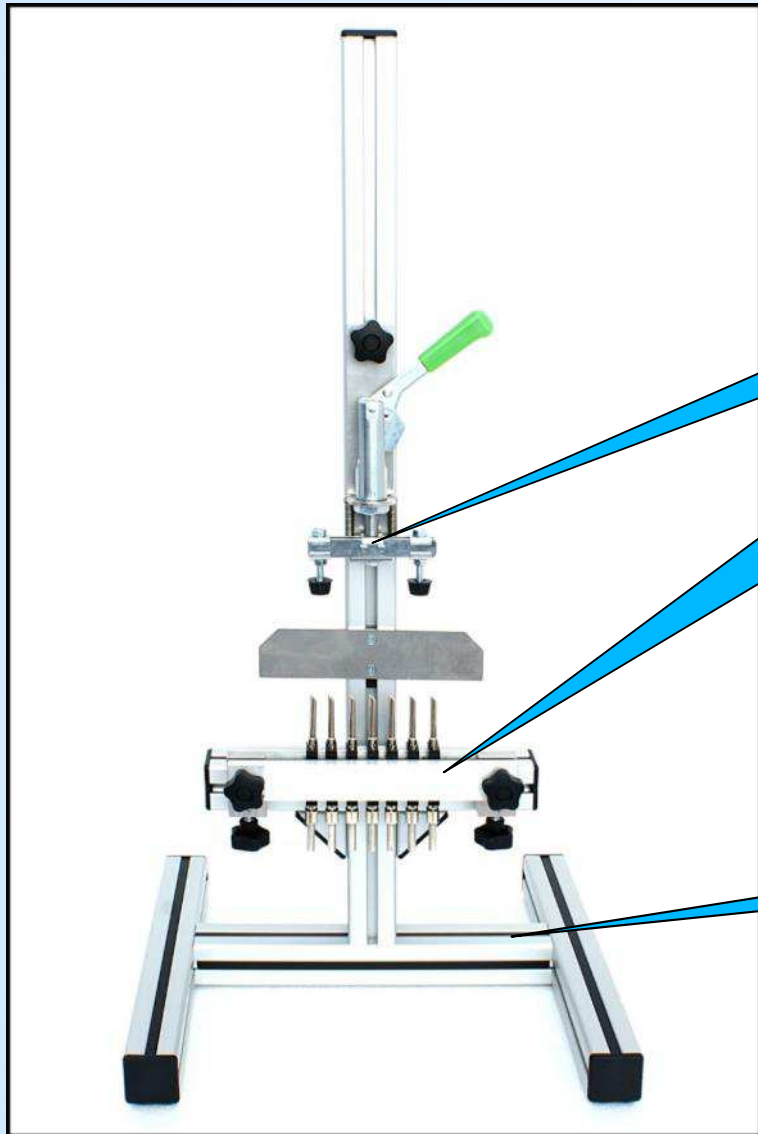


ZW100/10A – coil 100 turns /
10A with a stand



ZW10/20A – coil 10 turns /
20A with a stand

Optional accessories

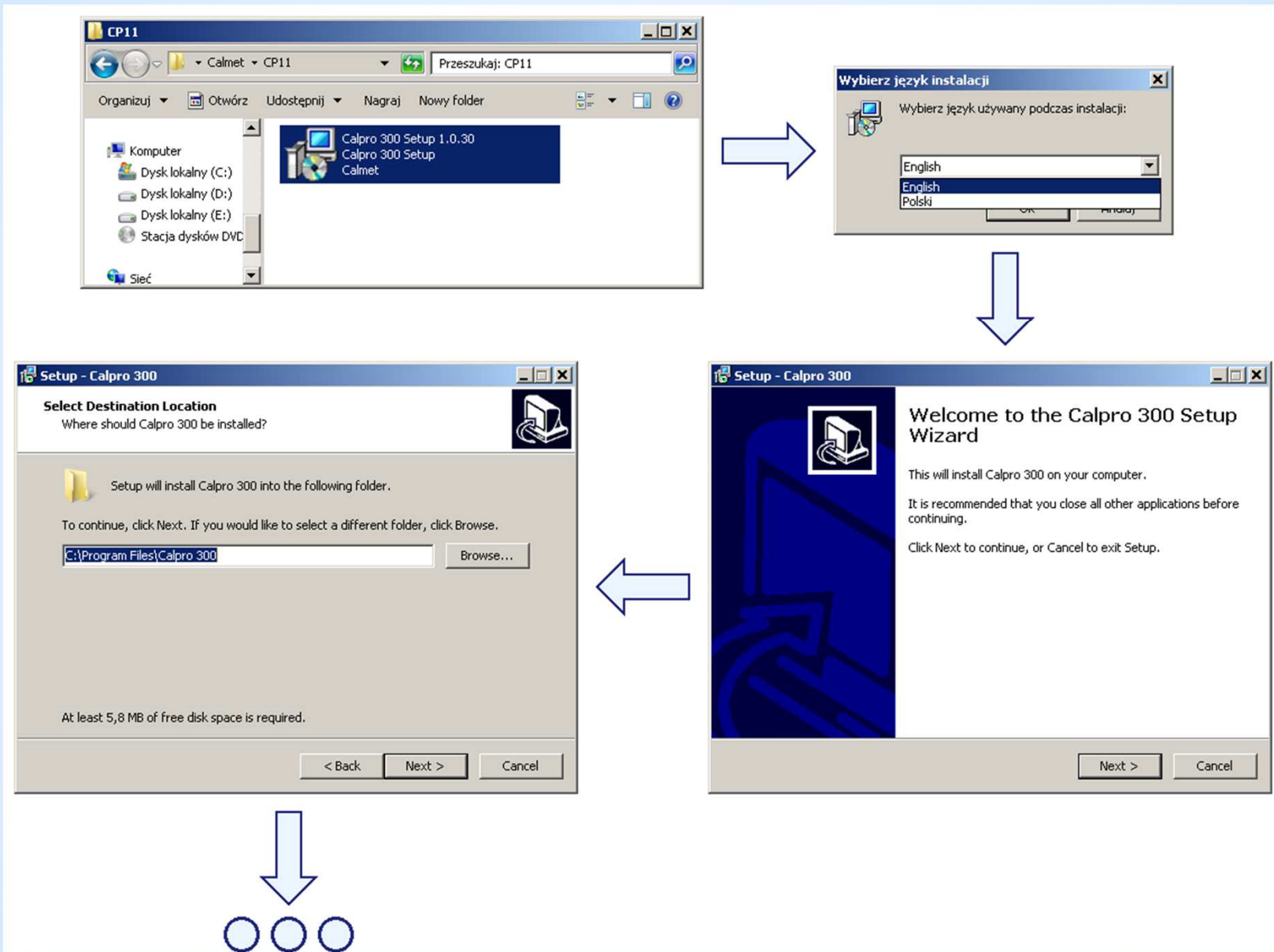


Quick connector EH20

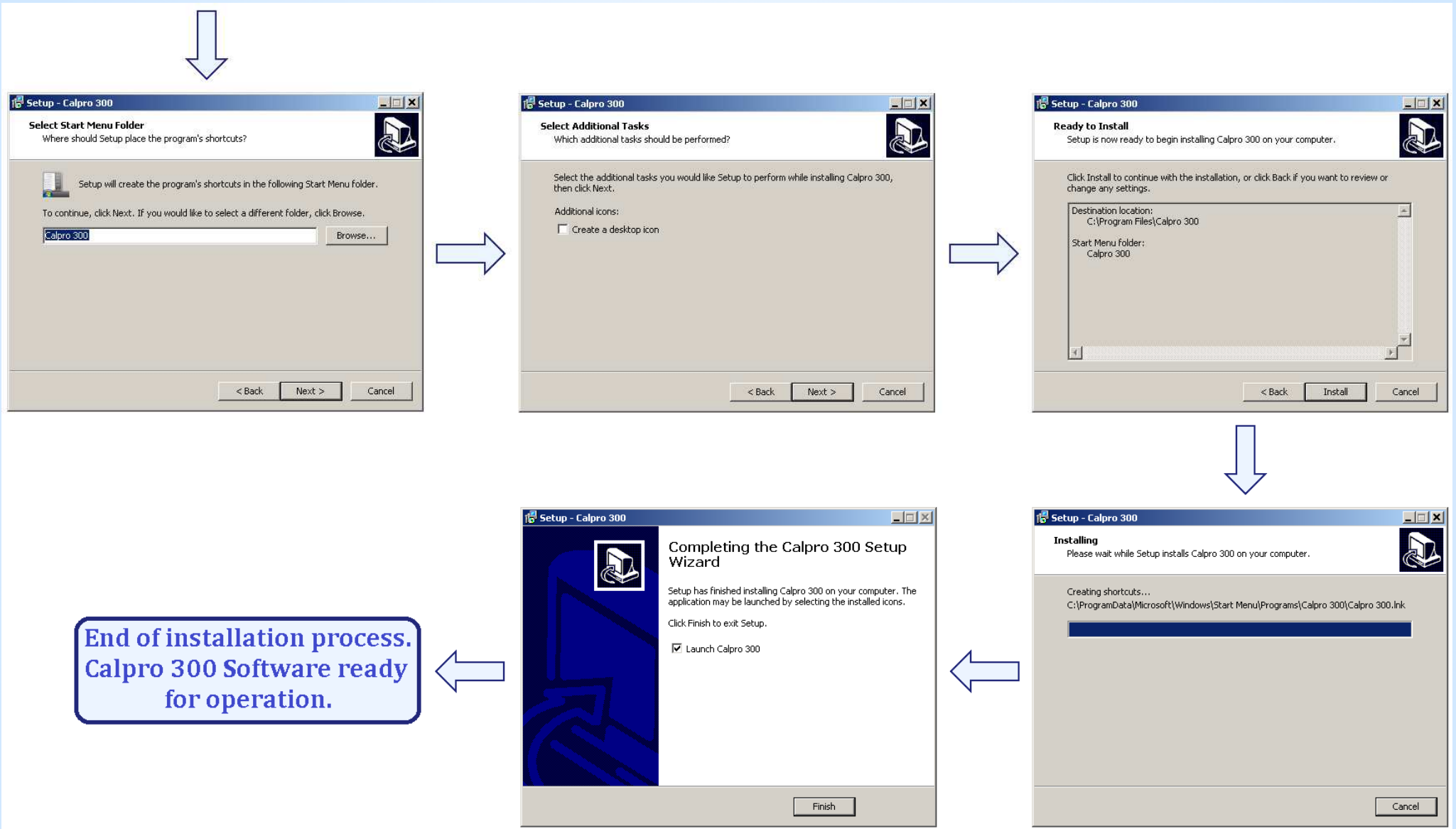
ER20 / EH20 – rack with quick connection device

Assembly stand ER20

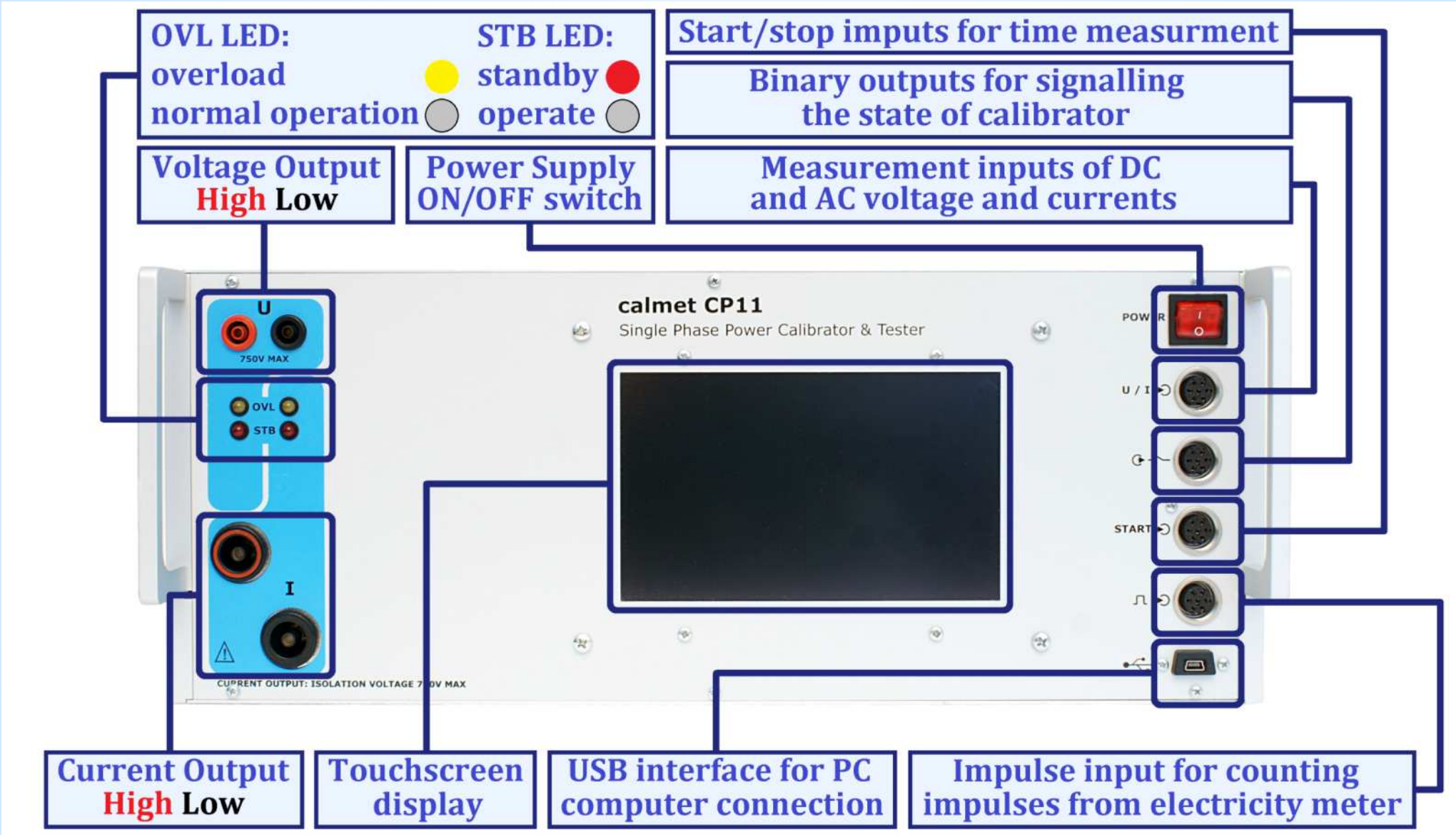
Calpro 300 software installation



Calpro 300 software installation



Front panel overview



Electricity meter testing – hardware connection

STEP 1

Place the CP11 calibrator on a stable surface, with sufficient ventilation. Connect the calibrator, using the Power cord, to mains power, which meets:

- voltage within 90...264V
- frequency within 47...63Hz
- at least 300VA power available



Electricity meter testing – hardware connection

STEP 2

Place the ER20 rack for hanging of meter with EH20 quick connection device, on the calibrator.



Electricity meter testing – hardware connection

STEP 3

Mount the electricity meter on the rack and secure it with the green lever.

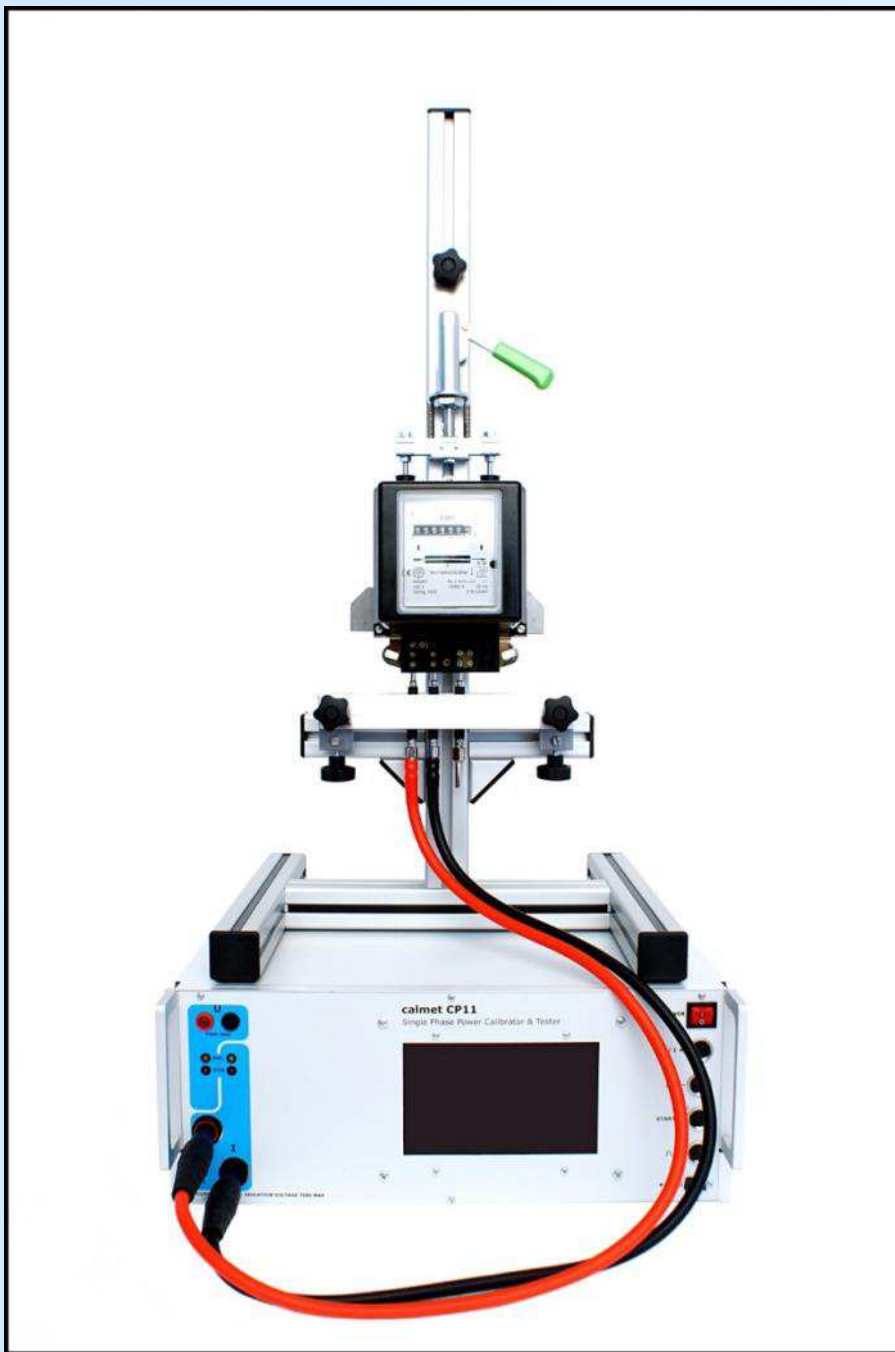


Electricity meter testing – hardware connection

STEP 4

Connect the current input of the electricity meter to the current output of the calibrator, using:

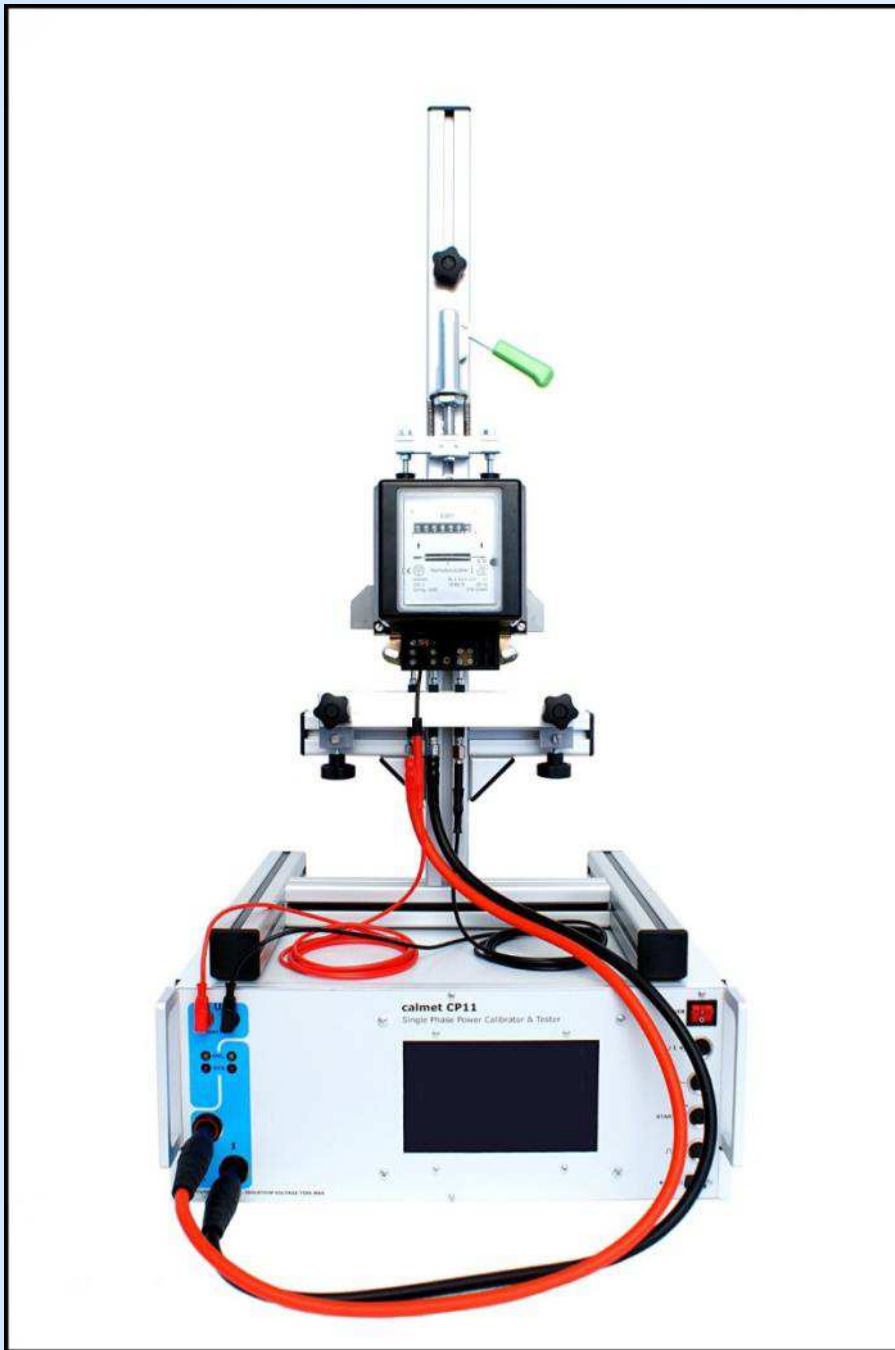
- in case of currents up to 20A - safety current cables
- in case of currents up to 120A - EA11 cables



Electricity meter testing – hardware connection

STEP 4

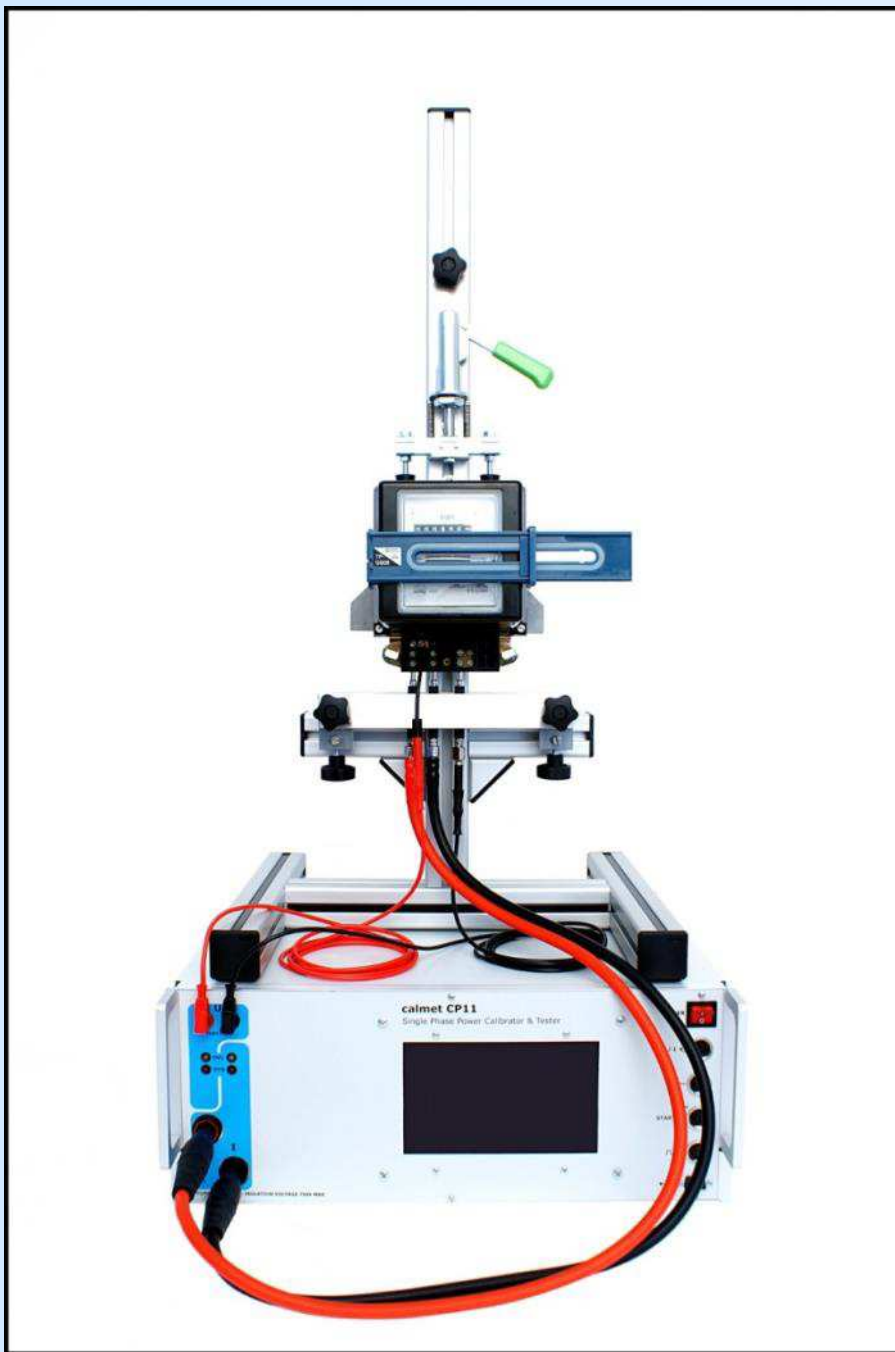
Connect the voltage input of the electricity meter to the voltage output of the calibrator, using the safety voltage cables.



Electricity meter testing – hardware connection

STEP 5

Place the CF102 photo head holder on the meter and align it in the vertical axis so, that the electricity meter rotor is visible exactly in the middle of the gap.



Electricity meter testing – hardware connection

STEP 6

Place the CF102 photo head in the holder and align it in the horizontal axis so, that the photo head is positioned directly atop the rotor. Connect the photo head to the impulse input of the calibrator.



Electricity meter testing – hardware connection

STEP 7

Connect the calibrator to the PC, using the USB mini / USB A interface cable (via USB interface socket on the calibrator).

After that, the test system is fully connected and ready for operation.

