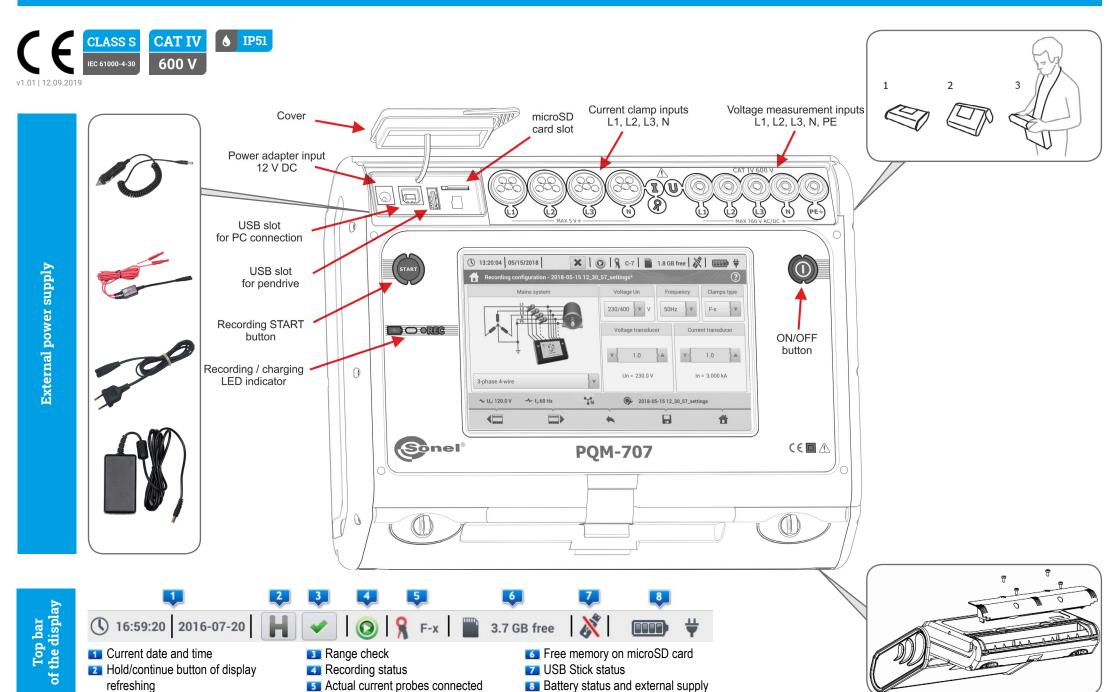
Sonel PQM-707

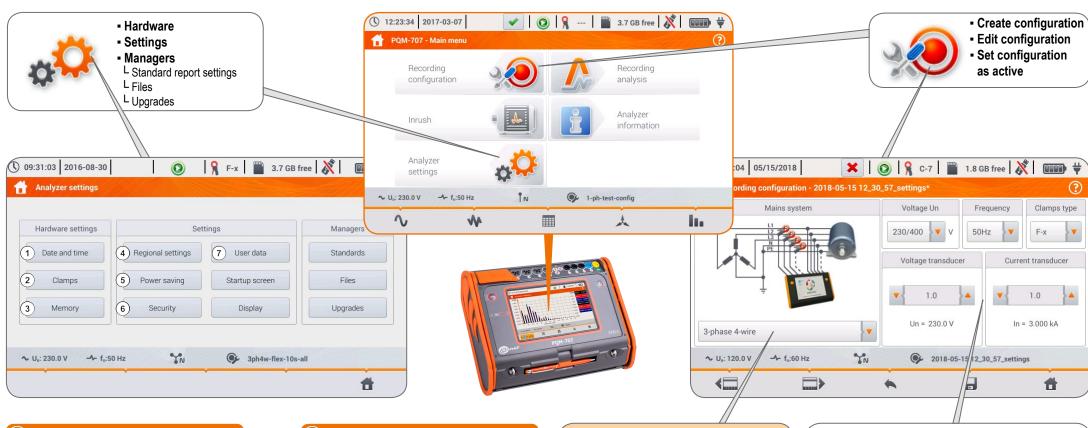
Power Quality Analyzer • Quick Guide





Analyzer settings

Connections



(1) Set date and time

- YYYY-MM-DD or MM/DD/YYY
- hh:mm:ss

(2) Clamps

Set current direction

3 Memory

- Check memory status
- Format memory

4 Regional settings

- Choose language
- Choose name of signals
- Choose color of signals

5 Power saving

- Instantaneous auto-off mode
- Instrument auto-off mode

6 Security

Set lock analyzer PIN

(7) User data

User specification, contact and address

- 1 1-phase system
- Split-phase system
- 3-phase 4-wire system
 3-phase 4-wire (no U L2) / 2 ½ element
 (no U L2/B)
 Transducers: 3-phase 4-wire

3-phase 3-wire system
3-phase open delta
Transducers: 3-phase 3-wire

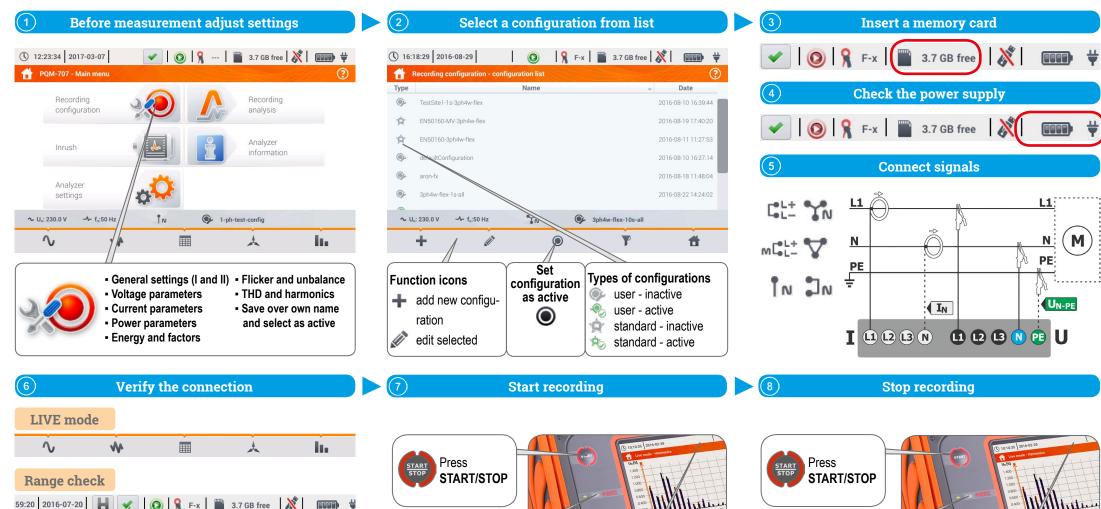
- 3-phase 3-wire Aron / 2-elements Transducers: 3-phase 3-wire Aron (2 PTs, 2-Elements)
- DC system
- ™L- DC+M system

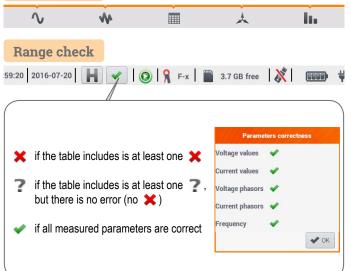
Coefficients of transducers

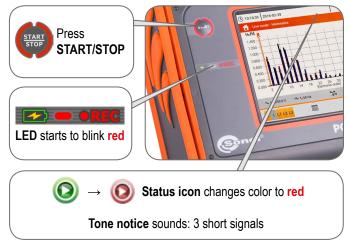


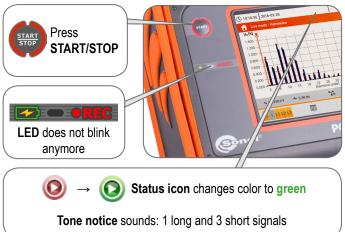
$$\mathbf{k}_{U} = \frac{\text{Primary U}}{\text{Secondary U}} \ \mathbf{k}_{\mathbf{I}} = \frac{\text{Primary I}}{\text{Secondary I}}$$

Recording

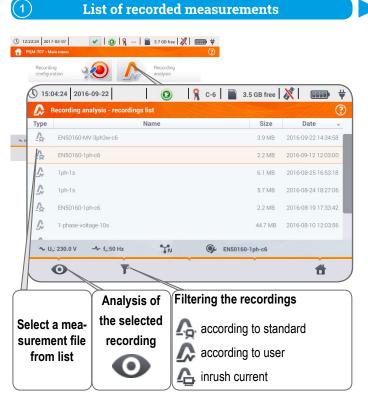


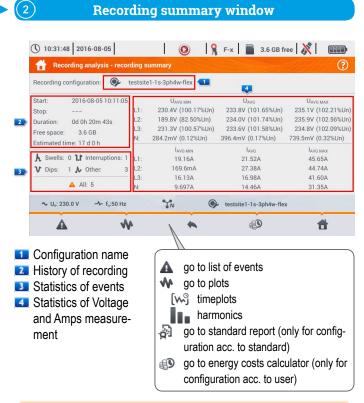


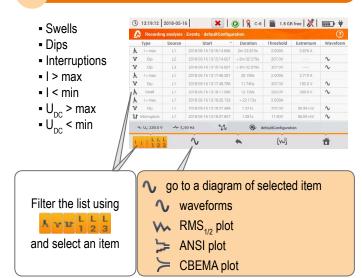




Data analysis

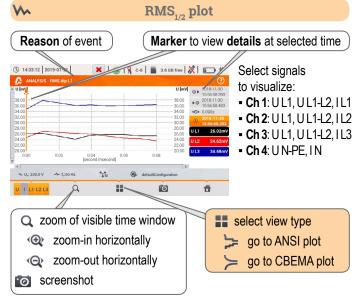


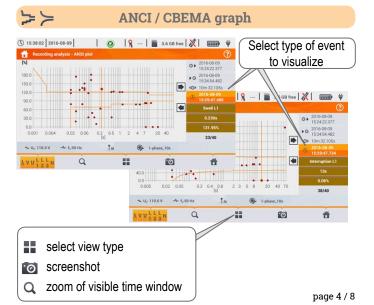




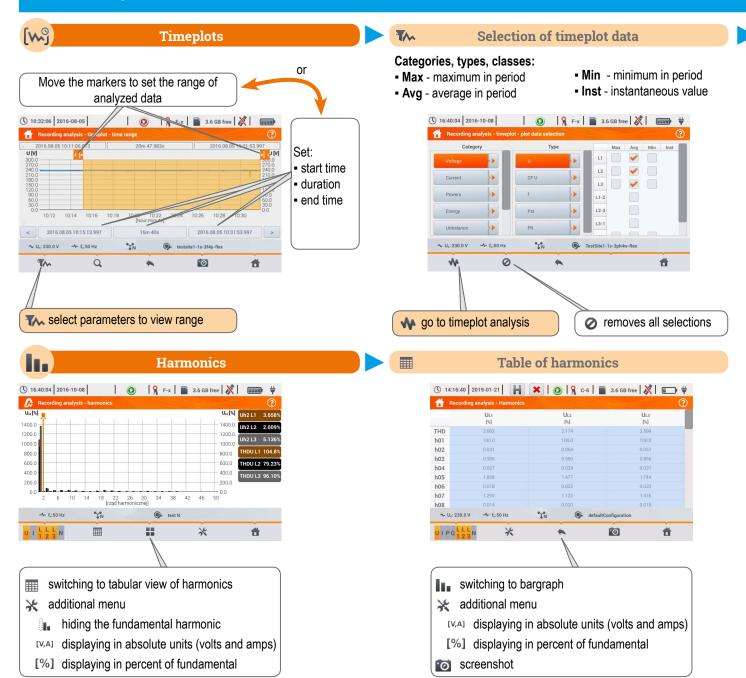
Analysis of events

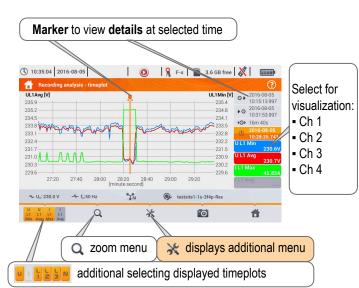
Waveforms Waveforms of beginning (START) and end (STOP) of event | ② | ♀ F-x | 1.6 GB free | ※ | 11111 | ₩ Select signals as visible: U - voltages I - currents L1 - phase 1 ■ L2 - phase 2 ■ L3 - phase 3 N - neutral Q zoom of visible time window select view type zoom-in horizontally y go to RMS_{1/2} plot zoom-out horizontally screenshot





Data analysis





Recording analysis - timeplot

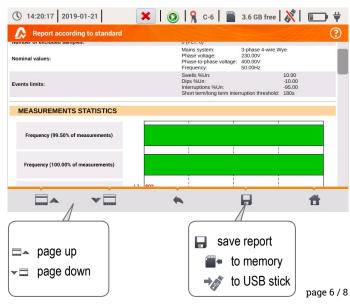
Data analysis



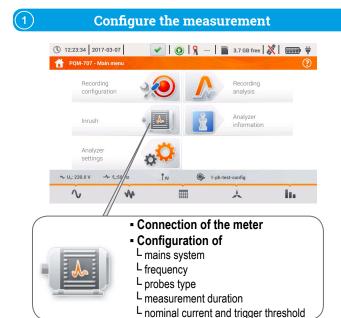


Enter report settings

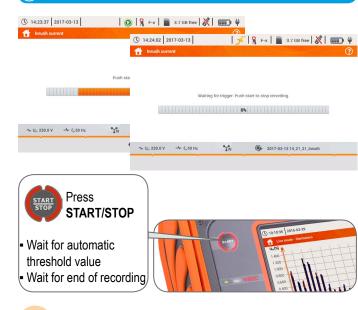




Inrush current







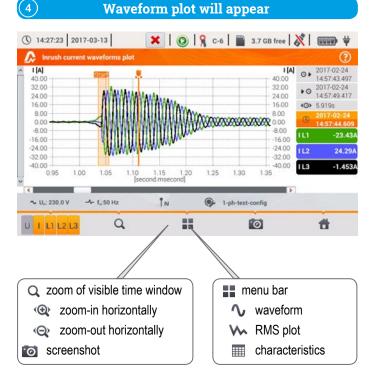
Characteristics of event

X | ③ | ♀ C-6 | ■ 3.7 GB free | 💥 | ■ ■ ♥

Start the measurement

(3)

(14:25:47 2017-03-13













Find more information in the user manual and on our website www.sonel.pl/en