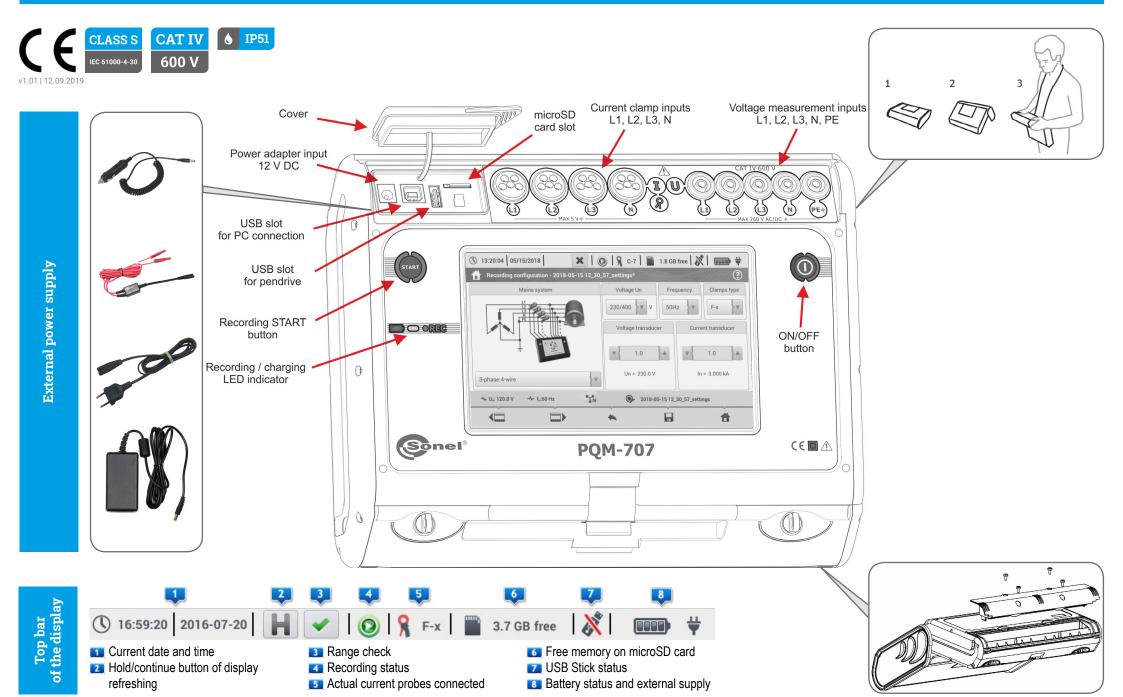
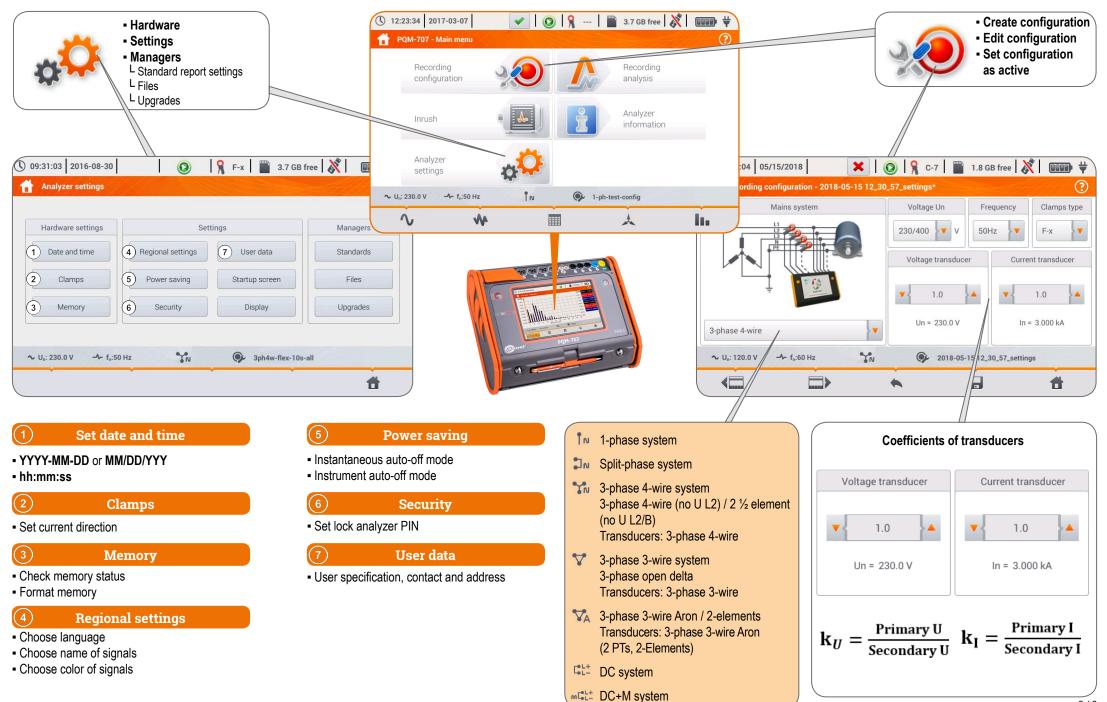
Sonel PQM-707 Power Quality Analyzer • Quick Guide



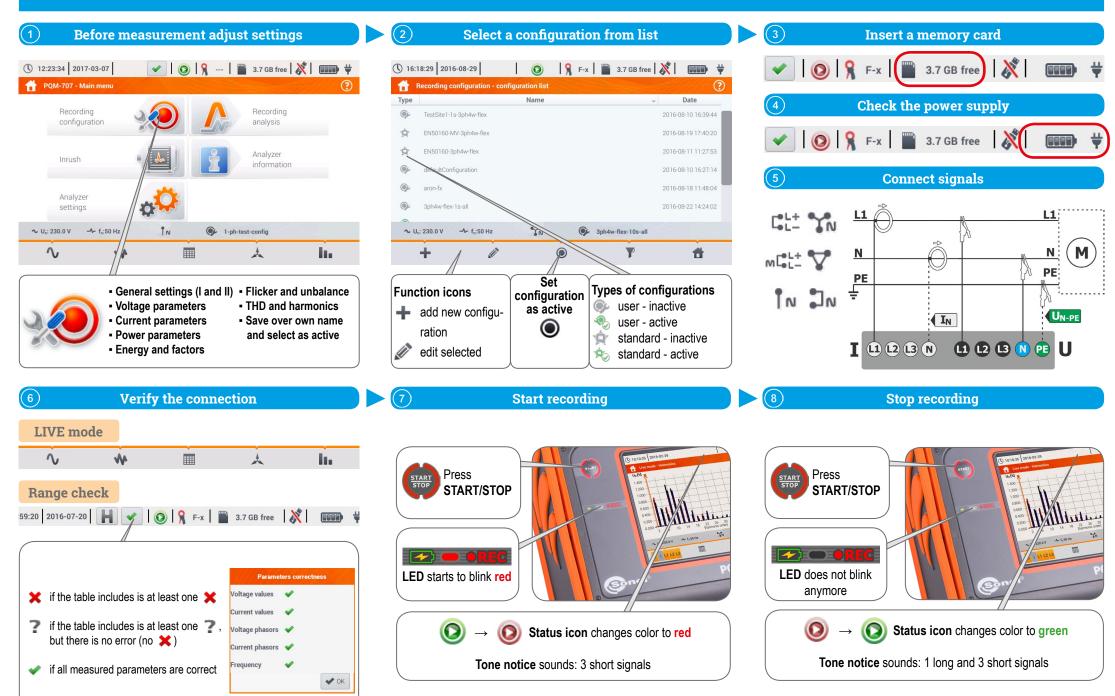


Analyzer settings

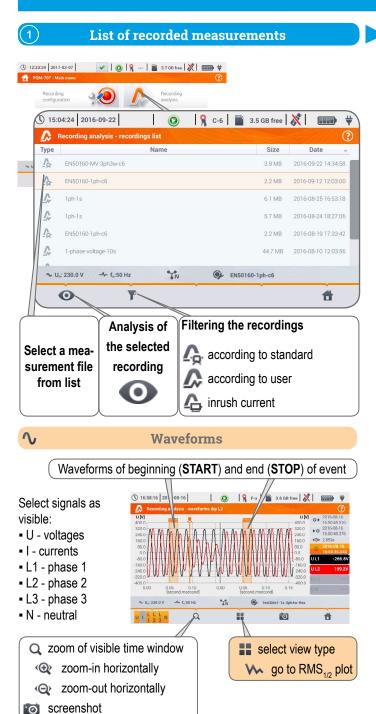
Connections



Recording



Data analysis



Recording summary window

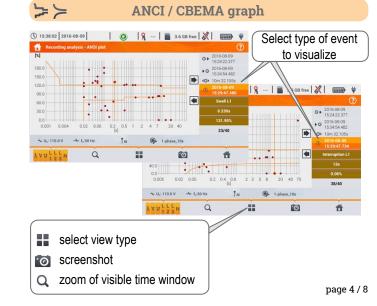
(2)

2

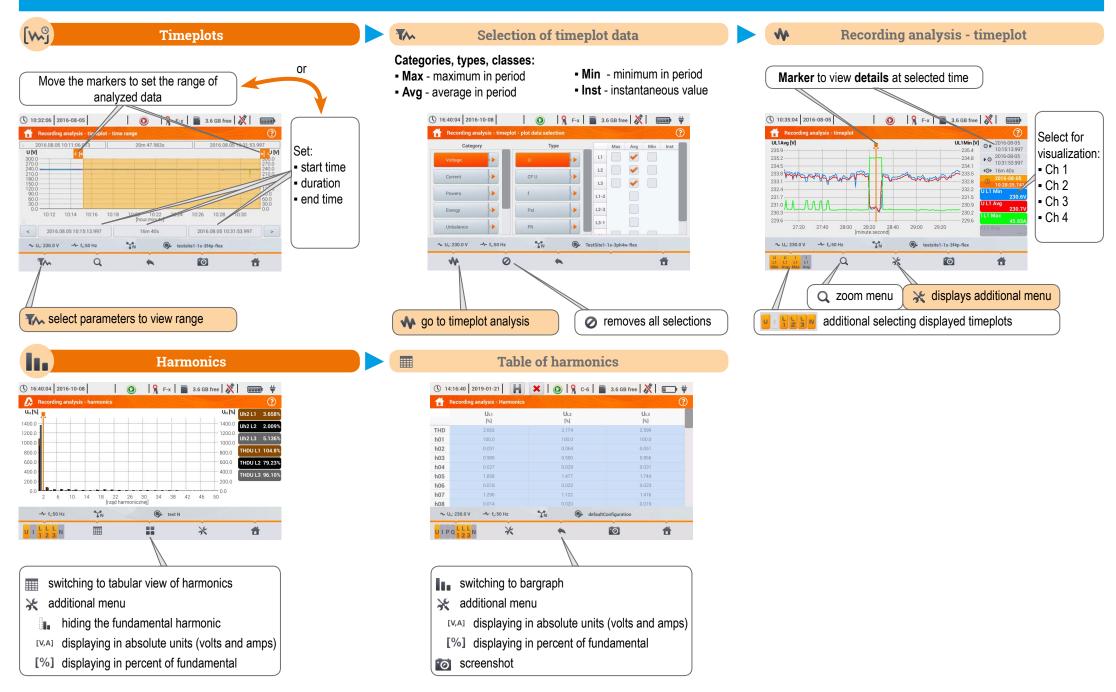
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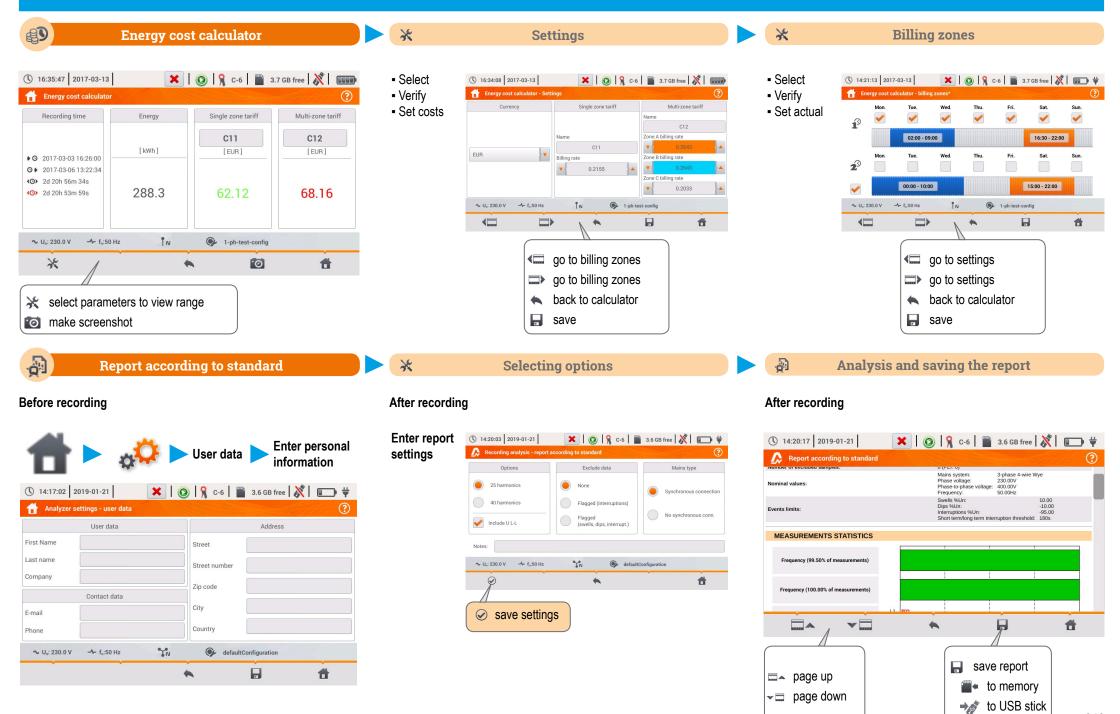
A **Analysis of events** 🕚 13:19:12 2018-05-16 🛛 🗶 🛛 🔞 🧣 C-6 🛛 🖀 1.8 GB free 🕺 💷 🐳 Swells Dips Source Start Duration Threshold Extremum L1 2018-05-16 13:15:14:666 2m 23:810s 2.000A 2.876 A Waveform l > max Interruptions V Dip N ~ Dip I > max 2018-05-16-13:17:46:281 28.198s 2.000A A I> max 150.0 V 2018-05-16 13.17.49.788 11.740s • | < min 2018-05-16 13:18:17.589 12:139s 299.9 V ~ U_{DC} > max 2018-05-16 13:18:37.488 1.321s 56.59 mV 2018-05-16 13:18:37.507 1.2816 11.50V 56.59 mV • U_{DC} < min ∼ U": 230.0 V - 1.:50 Hz YN defaultConfiguratio \sim [mg # ▲ go to a diagram of selected item Filter the list using ✓ waveforms Avw123 MRMS_{1/2} plot and select an item ≽ ANSI plot > CBEMA plot



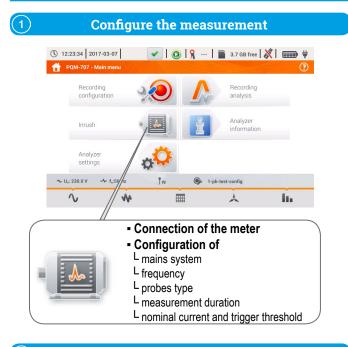
Data analysis



Data analysis

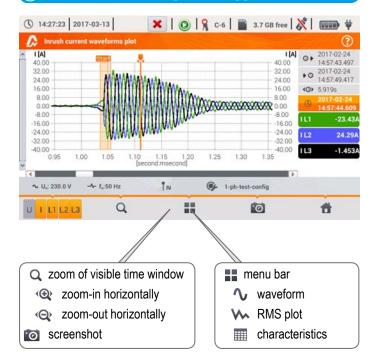


Inrush current



Waveform plot will appear

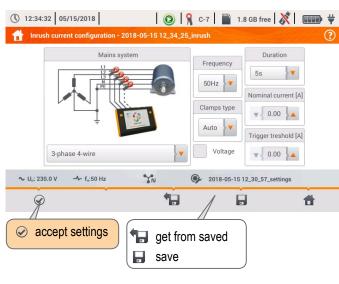
(4)



Set necessary parameters

(2)

W~



Inrush RMS plot



3 Start the measurement 14:23:37 2017-03-13 💽 🧏 F-x 📄 3.7 GB free 🐰 💷 👯 🔒 Inrush current 14:24:02 2017-03-13 💉 🔒 F-x 📄 3.7 GB free 🕺 💷 🕂 Inrush current Push sta Waiting for trigger. Push start to stop recording 0% ∼ Un: 230.0 V -≁ fa:50 Hz YN ∼ Un: 230.0 V → fg:50 Hz YN @ 2017-03-13 14_21_21_inrush Press START STOP START/STOP Wait for automatic threshold value Wait for end of recording **Characteristics of event** 🗙 🛛 📀 🔒 C-6 🛛 🞬 3.7 GB free 🕺 💷 🖤 () 14:25:47 2017-03-13 ♪ Inrush values

	I RMS ½ max [A]	I²t [A²s]		
L1	22.81	52.89		
L2	21.38	47.98		
L3	21.64	51.05		

∿ U _n : 230.0 V	- A - f _n :50 Hz	ĨN	I −ph-test-config	
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Find more information in the user manual and on our website www.sonel.pl/en