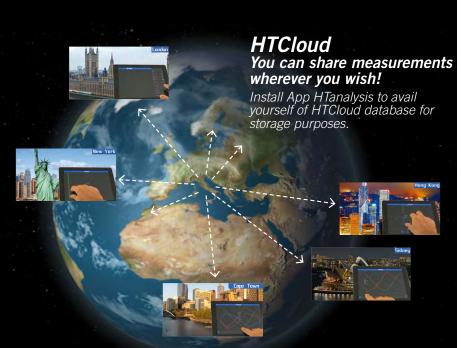


HTanalysis turns tablet or smartphone into a power analyzer.

Compatible with iOS and Android systems.





The instrument can be set to three system types (single-phase, 3-wire three-phase Delta connection, 4-wire three-phase Y connection)

Functions

AC TRMS voltage (4 inputs)

AC TRMS current (4 inputs)

Active, reactive, apparent power

Active, reactive, apparent energy

Power factor and cosPhi

Analysis of voltage/current harmonic up to 49th order

Voltage anomalies (sag, swell) with 10 ms resolution

Voltage unbalance

LED indication of phase sequence

Frequency

Parameter data table, graphs, harmonic histograms, voltage and current phasors with PC or iPad/iPhone and Android device connection

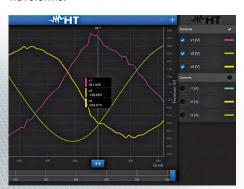
Max 383 parameters simultaneously selectable

Recording with integration period ranging between 5s and 60 min.

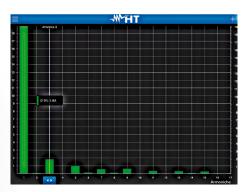


REAL-TIME

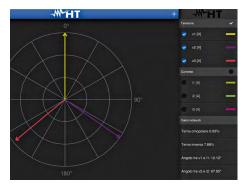
Instrument configuration through tablet or smartphone. Quick and detailed display of all waveforms.



Quick and detailed display of all harmonics relative to the selected quantities.

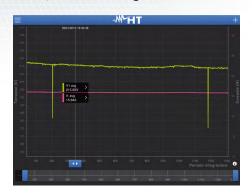


Real time vector diagrams (phasors), DMM function and THD%.



RECORDING OUTCOME

Zoom and quick access to any part of the recording, harmonic analysis at any quantity just through one touch. Trend of all recorded quantities selectable through menu can be displayed, such as frequency, voltages and currents, powers, cosphi, THD%, harmonics up to 49th order and THD%, etc. **Fault tracing and maintenance have never been so easy.**





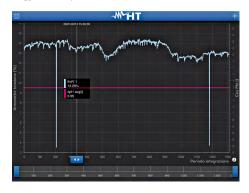


ENERGY CONSUMPTION

PQA820 can record all active, reactive and apparent powers over a long period, compare all of them with quantities such as cosphi, harmonics and THD%. Thanks to dynamic App HTanalysis it will be easy to find an immediate solution to energy-waste problem.







STANDARD ACCESSORIES

KITMPPACW: set of 4 measuring cables KITMPPACC: set of 4 alligator clips 606-IECN: adapters with magnetic

ends, 4 pcs.

HTFLEX33L: 0÷100A, 0÷1000A AC

flexible clamp, 174mm, 4 pcs.

PC Windows software + USB cable

BORSA2051: carrying case

Quick user's guide

TOPVIEW2007:

User's manual on CD-ROM Calibration certificate ISO9000

OPTIONAL ACCESSORIES

HP30C2: clamp transducer 0:200A,

0÷2000A AC

HT96U: clamp transducer 0÷1A,

0÷100A, 0÷1000A AC

HT903. box 3 x 1 - 5A/1V for

connection to external CTs



ELECTRICAL SPECIFICATIONS

AC TRMS Voltage

10.0V ÷ 265.0V (L-N) Measuring range: 50.0V ÷ 460.0V (L-L) Basic accuracy: ±(0.5%reading + 2digits) 42.5Hz ÷ 69.0Hz Frequency:

Voltage anomalies (sags, swells)

15.0V ÷ 265.0V (L-N) Measuring range: Basic accuracy: $\pm (1.0\%$ reading + 2 digits) 10ms @ 50Hz Time resolution:

±1/2 period

AC TRMS Current – Standard transducer (STD)

Transduced voltage

Time accuracy:

5.0mV ÷ 9999mV range: Resolution: 0.1 mV

±(0.5%reading) Basic accuracy: Frequency: 42.5Hz ÷ 69.0Hz

Active, Reactive, Apparent power

0.000 ÷ 9999 kW/kVAR/kVA Measuring range: 0.001 kW/kVAR/kVA Resolution: Basic accuracy: $\pm (0.7\% \text{ reading})$

Active, Reactive energy

0.000 ÷ 9999 kWh/kVARh Measuring range: 0.001 kW/kVARh Resolution: Basic accuracy: ±(0.7%reading)

Power factor (Cosphi)

Measuring range: $0.20 \div 1.00$ Resolution: 0.01 Basic accuracy: $0.6^{\circ} \div 1.0^{\circ}$

Voltage/Current accuracy

DC ÷ 49th order Range: Resolution: 0.1V / 0.1A

±(0.5%reading + 2digits) Basic accuracy:

for DC ÷ 25th order 42.5Hz ÷ 69.0Hz Frequency:

GENERAL SPECIFICATIONS

SIMULTANEOUSLY RECORDED PARAMETERS

- Line to Neutral and Line to Line voltages
- Voltage anomalies (sags, swells)
- Line current, Neutral current
- Voltage / Current harmonics
- Phase and total Active, Reactive, Apparent power
- Phase and total power factor and cosphi
- Phase and total Active energy (class 2 EN61036)
- Phase and total Reactive energy (class 3 IEC1268)
- Maximum number of selectable parameters: 383
- Integration period:
- 5, 10, 30s, 1, 2, 5, 10, 15, 60 min
- Recording duration: > 30 days (IP = 10 min)
- Maximum number of voltage anomalies: 65530

Power supply: rechargeable Li-ION

battery

External power supply: 100 ÷ 415V, 50/60 Hz PC interface: USB and WiFi **Dimensions (L x D x H):** 245 x 210 x 110mm

9.6 x 8.3 x 4.3in

Weight

(including batteries): 1.5 kg / 3.3lb

IEC/EN61010-1, double Safety:

insulation

Pollution degree: Mechanical protection: IP65

Measuring category: CAT IV 300V, max 415V

among inputs

Working temperature: $0^{\circ} \div 40^{\circ}\text{C} / 32^{\circ} \div 104^{\circ}\text{F}$

Working humidity: <80%RH

Storage temperature: $-10^{\circ} \div 60^{\circ}\text{C} / 14^{\circ} \div 140^{\circ}\text{F}$

Storage humidity: <80%RH

