



TIS PQA820 IP65 POWER QUALITY ANALYSER



Functions:

- AC TRMS voltage in single and three phase systems
- AC TRMS current in single and three phase systems
- Active, reactive and apparent power / energy
- Cosphi and power factor
- Voltage, current, DC power
- Neutral current
- Voltage dips and peaks 10ms
- Voltage unbalance (NEG%, ZERO%)
- Measurements using external CT and VT
- Voltage / current waveforms
- Histograms of voltage / current harmonics and THD%
- Voltage / current vector diagram
- Periodical recording with selectable PI
- Maximum number of simultaneously recorded quantities 383
- Voltage and current harmonic analysis up to the 49th
- Calculation and recording of voltage / current THD%
- Indication of recording duration

Main Features:

- Display: TFT, 65536 colours, (320x240pxl) with high contrast, touch screen
- Power supply: 1x3.7V rechargeable LI-ION battery, with external adapter, duration >3h, auto power of after 5 minutes' idling
- Internal memory: 15Mbytes (duration approx. 3 months @ IP=15min and 251 selectable parameters)
- Memory extension: external Compact Flash card (ca. 32Mb)
- PC interface: USB 2.0
- Safety: IEC/EN61010-1 Insulation: double insulation
- Measurement category: CAT IV 600V (Phase - Neutral)
- CAT IV 1000V (between inputs)
- Power quality and Flicker:
 - EN50160
- Electric energy quality: EN61000-4-30, class B
- Unbalance: EN61000-4-7, EN50160
- Size: 235x165x75mm
- Weight (battery included): approx 1kg