



PQA924

CLASS S
POWER QUALITY ANALYZER



ORDER CODE **HV000924**

PQA924

CLASS S
POWER QUALITY ANALYZER



HT Agorà

→ **TRMS**

- › AC voltage in single-phase and three-phase systems
- › AC current in single-phase and three-phase systems
- › Cosphi, Power Factor, K-Factor
- › Voltage unbalance
- › Flicker
- › Active, Reactive, and Apparent power/energy
- › Voltage and current harmonic amplitude and phase up to the 63rd order with THD% calculation
- › Power harmonic amplitude up to the 63rd order
- › Voltage and current interharmonics up to the 63rd order with THI% calculation
- › Voltage anomalies (dips, swells) with 10ms resolution (@50Hz)
- › Fast voltage transients (8kV, 1μs)
- › Inrush current for electric motors
- › Event waveform recording (anomalies, fast transients, and inrush currents)
- › Phase sequence detection
- › Data transfer to PC via HTAgorà software
- › Up to **3180** simultaneously recordable electrical parameters with programmable integration period
- › USB, Ethernet, and Wi-Fi connection
- › Memory card
- › Color touchscreen display



**SEE PRODUCT
DATA SHEET**

Maximum accuracy and reliability with the auto-configuration (AUTOSSET) function

The PQA924 features an advanced auto-configuration function designed to eliminate connection errors and optimize setup time. Thanks to the Autoset mode, the operator can ensure the correct assignment of clamp sensors, preventing incorrect measurements and discrepancies in the recorded electrical values.

4 key reasons to use the AUTOSSET function

- › Automatically detects the connected current transducers for immediate, error-free configuration.
- › Prevents wiring errors that could compromise measurement accuracy.
- › Avoids inconsistent electrical values and the need to repeat recordings.
- › Automatically corrects reversed current clamps on conductors, preventing misalignment between voltage and current that could result in incorrect readings.



TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

AC voltage in single-phase and three-phase systems	●
AC current in single-phase and three-phase systems	●
Cosphi, Power Factor, K-Factor	●
Voltage unbalance	●
Flicker	●
Active, Reactive, Apparent power/energy	●
Voltage and current harmonic amplitude and phase up to the 63 rd order with THD% calculation	●
Power harmonic amplitude up to the 63 rd order	●
Voltage and current interharmonics up to the 63 rd order with THH% calculation	●
Voltage anomalies (dips, swells) with 10ms resolution (@50Hz)	●
Fast voltage transients (8kV, 1μs)	●
Inrush current for electric motors	●
Event waveform recording (anomalies, fast transients, and inrush currents)	●
Phase sequence detection	●
Data transfer to PC via HTAgorà software	●
Simultaneously recordable electrical parameters with a programmable integration period	● 3180
USB, Ethernet, and Wi-Fi connectivity	●
Memory card	●

GENERAL SPECIFICATIONS

Dimensions (L x W x H)	235 x 165 x 75 mm / 9 1/4 x 6 1/2 x 3 in
Weight (including batteries)	1.2 kg / 2 lb 10 oz
Operating temperature	from -10°C to 50°C / from 14°F to 122°F
Operating humidity	<80% RH
Protection rating	IP40
Battery power supply	6x 1.5V AA LR06 alkaline batteries 6x 1.2V AA LR06 NiMH rechargeable batteries
Mains power supply	External charger adapter 100-415VAC 50/60Hz / 15VDC

ACCESSORIES

STANDARD ACCESSORIES

HTFLEX335	Flexible clamp 6000A AC with 5-pin connector, max cable diameter 174mm, 4 pcs
YMETK0042HT0	Label kit for input color customization (according to national standards)
KIT802	Set of 5 black banana-banana cables and 5 black alligator clips, plus set of colored rings (9 colors)
A0080	External power supply with plug cable
PT400	Stylus (included in the instrument's right flip)
C2010	USB-A / USB-C connection cable
CF832	32GB memory card
YAMUM0088HT0	Quick start guide
YABAT0003000	Rechargeable AA NiMH batteries, 1.2V, 6 pcs
VA500	Hard carrying case
Test Report	

OPTIONAL ACCESSORIES

HTFLEX315	Flexible clamp 6000A AC with 5-pin connector, max cable diameter 80mm
HTFLEX355	Flexible clamp 10000A AC with 5-pin connector, max cable diameter 270mm
HT4005N	Standard clamp with 5-100A AC range with 3-pin connector
HT96U	Standard clamp with 1/100/1000A AC range with 3-pin connector
HT97U	Standard clamp with 10/100/1000A AC range with 3-pin connector
HP30C2	Standard clamp with 200/2000A AC range with 3-pin connector
HP30C3	Standard clamp with 3000A AC range with 3-pin connector
607-IECN	Magnetic terminal connector
ACON3F5M	3-pin / 5-pin adapter (to use standard clamps)
SP-0500	Set of straps and hooks for shoulder use

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