

NANOVIP PLUS MEM

Hand-Held Power & Harmonic Analyzer with Memory

Unbeatable Performance in a Compact Package

NANOVIP PLUS MEM has all the capabilities and advantages of Nanovip Plus, but adds further functions and a large 1Mb integrated Flash-Memory for extended measuring surveys.



* Optional power supply, part no 4AAQI.

All the performance of the Nanovip Plus and:

- Automatic data storage to 1MB internal memory (4032 records)
- Internal clock/calendar
- Backlit LCD with auto/manual control
- kW for each harmonic frequency
- Fast data download to PC via 38.4kbaud serial port.
- "One touch" set-up for default values (CT set-up, VT set-up, fundamental frequency, comms set-up etc)
- Realtime link to PC in addition to memory download
- Nanowin software included.

Main Technical Data:

PARAMETERS	1F/3
Voltage [V]	•
Current [A]	•
Power Factor	•
Active Power [kW]	•
Reactive Power [kvar]	•
Apparent Power [kVA]	•
Frequency [Hz]	•
Positive (Imported) Active Energy [kWh]	•
COG-negative (Expo) Active Energy [kWh]	•
Positive Reactive Energy [kvarh]	•
COG-negative Reactive Energy [kvarh]	•
Apparent Energy [kVAh]	•
Voltage Thdf%	•
Voltage Thdrms%	•
Current Thdf%	•
Current Thdrms%	•
Vi (I=0-24@50Hz, I=0-20@60Hz)	•
Ai (I=0-24@50Hz, I=0-20@60Hz)	•
Cosφ I (I=0-24@50Hz, I=0-20@60Hz)	•
Kwi** (I=0-24@50Hz, I=0-20@60Hz)	•
Crest Factor V	•
Crest Value V	•
Crest Factor A	•
Crest Value A	•
DC Voltage Ripple dU	•
DC Current Ripple dA	•
* Single-phase Or Balanced Three-phase	
Nanovip Plus Mem Only	

- Power supply
Battery: 4 1,5V AA Batteries
Autonomy: 50 ÷ 60h (40 ÷ 50h with PEAK-function)
(Optional power supply available for Nanovip Plus MEM)
- Inputs
Voltage: L1 - N: 600 Volt AC between phase and neutral @ 0 ÷ 600 Hz; or 600 Volt DC Input Impedance: 4MΩ
- Current: L1: 1 Volt AC at 0 ÷ 600 Hz
Input Impedance: 10kΩ
- Display:
Nanovip Plus: LCD
Nanovip Plus MEM: LCD with backlight
- Accuracy Class 1.0 (EN 62053-21)
- Overload of voltage inputs: Max 825 Vrms - Peak voltage 1,17kV
- Overload of current inputs: 5 times full scale value (cut-out tripped at limit values)
- Number of scales: 3 voltage scales, 3 current scales
- Automatic scale change
- Scale change response time: 1 sec.
- Display refresh rate: 1 sec.
- Internal Memory: 1Mb non-volatile Flash (only Nanovip Plus MEM)
- Instrument dimensions: 80 x 175 x 32,5 mm.
- Weight 400g (including batteries)
- Protection level: IP40
- Operative temperature range: -10°C +50°C
- Storage temperature range: -20°C +60°C
- Relative Humidity Range (RH%): 20% - 80%
- Condensation: not allowed