



VEGA74

QUALITY NETWORK ANALYSER FOR SINGLE-PHASE SYSTEMS WITH COLOUR TOUCHSCREEN DISPLAY





CODE **HV000740**

VEGA74

QUALITY NETWORK ANALYSER FOR
SINGLE-PHASE SYSTEMS WITH COLOUR
TOUCHSCREEN DISPLAY



DISPLAY
TOUCHSCREEN



NETWORK ANALYSIS

- > 9 types of available electric systems
- > **TRMS DC/AC voltage in Single-phase/Three-phase systems up to 600V**
- > **TRMS DC/AC current in Single-phase/Three-phase systems up to 3000A**
- > **Active, Reactive and Apparent Power/Energy**
- > **Cosphi and Power Factor**
- > **DC Voltage, Current, Power**
- > Neutral current measurement
- > **Voltage sags and swells on 20ms @50hz**
- > **Voltage unbalance**
- > Voltage/current **waveforms**
- > Voltage/current **harmonic histograms** and THD%
- > Voltage/current **vector diagram**
- > **Periodic recording** with selectable PI between 2s and 30min
- > 600 simultaneously recordable parameters
- > **Voltage/current harmonic analysis up to the 49th order**
- > **Calculation and recording of THD% voltages/currents**
- > Indication of recording autonomy
- > Leakage current recording

ENVIRONMENTAL PARAMETER RECORDING

- > Temperature and humidity recording
- > Illuminance LUX recording



PRODUCT
DATA SHEET



TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

9 types of available electric systems	●
Integration with programmable period	2s, 5s, 10s, 30s, 1min, 2min, 5min, 10min, 15min, 30min
Network and power consumption analysis	Single-phase/Three-phase
TRMS DC/AC voltage in Single-phase/Three-phase systems	up to 600V
TRMS DC/AC current in Single-phase/Three-phase systems	up to 3000A
Voltage/current waveforms	●
AC and DC Power and Energy recording	●
Voltage and current harmonics recording up to the 49th order and THD%	●
Recording of Cosphi and Power Factor	●
Voltage/Current vector diagram	●
Voltage unbalance	●
Voltage anomalies (sags and swells) with 20ms resolution	●
Summary table of main electric parameters	●
Leakage Current recording	with optional HT96U clamp
Temperature and Relative Humidity recording	°C, °F, RH% with optional HT53L/O5 probe
Illuminance recording	with optional HT52/O5 probe
Indication of network analysis recording autonomy	●
Colour touchscreen display	●
Online help on display	●
Measurement category	CAT IV 300V max 600V AC between inputs

GENERAL SPECIFICATIONS

Dimensions (L x W x H)	225 x 165 x 75mm
Weight (batteries included)	1.2 kg
Operating temperature	from 0°C to 40°C
Operating humidity	<80% RH
Protection rating	IP40
Mains power supply	100-240VAC, 50/60Hz / 15VDC

ACCESSORIES

STANDARD ACCESSORIES

HTFLEX33E	Flexible clamp 3000A AC, max cable diam 174mm, 4pcs
KIT799	Set of 4 Black, Red, Brown, Blue cables + 4 Black, Red, Brown, Blue alligator clips
PT400	"Touchscreen" pen
A0061	External battery charger power pack with shuko cable
C2006	Optics/USB connection cable
VA500	Rigid carrying case
YABAT0003000	rechargeable battery type AA NiMH, 1.2V, 6 pieces
Quick start guide	
Complete user manual and management software available online	
Calibration report	

OPTIONAL ACCESSORIES

HT52/05	Probe for measuring temperature/humidity
HT53L/05	Probe for measuring illuminance (Lux)
607-IECN	Connector with magnetic termination
HT4005K	Standard clamp with full scale 200A/IV AC
HT96U	Standard clamp with full scale 1/100/1000A-IVAC
HTFLEX35	Flexible clamp with full scale 3000AAC, diameter 274mm
HT98U	Standard clamp with full scale 1000A-IVDC, diameter 50mm
HP30D1	Standard clamp with full scale 1000A-IVDC, diameter 83mm
HP30C2	Standard clamp with full scale 200/2000A-IVAC
HP30C3	Standard clamp with full scale 3000A-IVAC
HT4006	Standard clamp with full scale 40-400A AC/DC with banana terminals
HT4003	Standard clamp with full scale 400A/IV AC
HT4005N	Standard clamp with full scale 5-100A/IV AC
BORSA2051	Carry bag
SP-0500	Set of straps for shoulder instrument use

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