

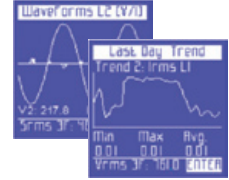
POWERCOMPACT3020

Power Quality Analyzer

POWERCOMPACT3020 is a powerful, portable network analyzer developed for professional analysis of consumption and power quality of the most complex electrical networks. It can be used on single-phase, two-phase, three-phase (balanced and unbalanced) networks, low and medium voltage.

The advanced features and analysis software supplied makes it a suitable tool to the most demanding professional needs.

Article	Code	EAN 13
POWERCOMPACT3020	603000000	8435394776194



The instrument can be held indifferently through its ergonomic rubber guard, or supported thanks to its integrated removable stand or magnetic captors, both to simplify measurements in the field or near a PC.

Equipped with a large (68x68mm) and efficient LCD display, which allows the display of waveforms, graphics...etc. White pixels on a dark blue background provide a great visuality of the screen.



Elegant membrane keypad with 10 buttons with dual function provides an easy and intuitive navigation menu.

VOLTAGE (TRMS)

ØPhase-phase: 7-1000VAC 40-70Hz
 Phase-neutral: 5-600VAC 40-70Hz
 Aux: 5-1000VAC 40-70Hz, 10-1400VDC

CURRENT (TRMS)

Range: 6-3000A
 Ratio: 1-60000

POWER

Single phase and total power:
 Values < 999 GW, Gvar, GVA

HARMONICS

Up to 50th order

EVENTS

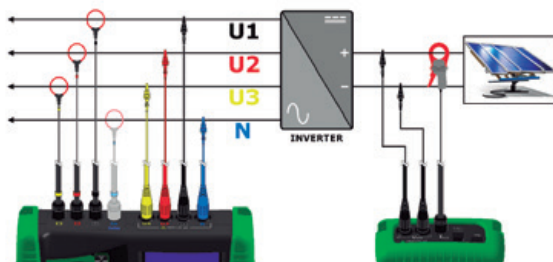
Interruptions: >500mS
 Dips: >500mS
 Swells: >500mS

TRANSIENT

Swells and overcurrents > 150uS
 Inrush current analysis

MULTIPLE INPUTS

- 3 voltage channels **U1**, **U2** and **U3**, with common neutral (**N**), and the 4 independent current channels **I1**, **I2**, **I3**, **In**.
- An independent, auxiliary voltage input (**UAUX**) and an independent, auxiliary current input (**IAUX**) are also available.



Suitable for any network:

- 3φ+N
- 3φ
- 2φ
- 1φ
- PV systems

COMPLETE KIT

Contents

- Voltage test leads POWERCOMPACT/VTL - 4 pcs
- Cocodrile POWERCOMPACT/AL - 4 pcs
- Rowgосky AC current clamps(ULTRAFLEX3000) - 3 pcs
- Battery pack POWERCOMPACT/BAT (4x AA NiMh 2100mAh) - 1pc
- mSD 8Gb1
- External power supply +adapters POWERCOMPACT/PS - 1set
- Calibration certificate
- User manual
- Transportation case

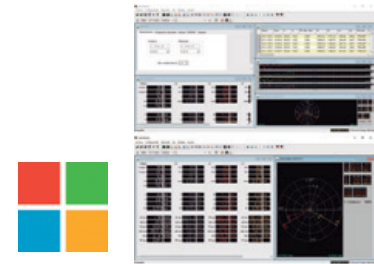
See optional accesories and spare parts on pages 10 and 11.



POWERFULL ANALISYS

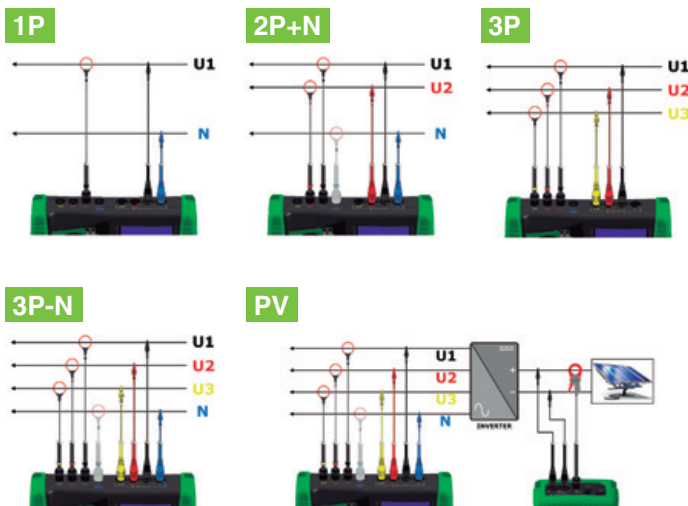
- Data storage through external SMD card (8 Gb)
- Communication to PC through USB port
- Professional Software *POWERCOMPACT/Studio* for full análisis of parameters, events, graphs...etc

(Included on kit and available on website for downloading)



CONNECTING SYSTEM

- Single phase
- Two phase
- Three-phase, 3-wires, balanced
- Three-phase, 3-wires, unbalanced
- 3-phase, 4-wires, balanced
- 3-phase, 4-wires, unbalanced



FUNCTIONALITY & PARAMETERS

- Traditional electrical análisis: V, I, P, Q, S, F, PF, THD(V)%, THD(I)%, $\cos\phi$, ϕ , peaks, minimums, maximums, averages, max. demands, etc.
- Neutral current
- Three phase counters: kWh, kVArh, kVAh, both absorbed that generated
- Counters for each single pase: kWh, kVArh, kVAh, both absorbed that generated
- Cogeneration
- Waveforms: V & I
- Harmonics: Values and histograms up to the 50th order
- Sags : Dips, swells & interruptions
- Transients: Overvoltages & overcurrents
- Unbalance
- Test EN 50160
- Inrush current
- DC measures
- K factor: Up to the 25th order
- Alarms: Displayed
- Alarms log: 5 at display
- Tariff bands:4
- Energy costs