

# Portable Three-Phase Static Phantom Load Generator GP 3050/3



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## GP3050: a portable phantom load generator for complete on-site calibration of electricity meters

### INTRODUCCIÓN:

The companion of a portable reference standard meter

- It facilitates the on-site testing and calibration of electricity meters by the generation of any required value of current and voltage, which can be adjusted continuously within the available range.
- The use of static generation techniques has enabled a substantial weight reduction, and the microprocessor control provides an exceptional stability and ease-of-use.

### FEATURES:

The GP 3050 powers all types of electricity meters

- The GP 3050 permit the best fit to local requirements.
- The GP 3050/3 generates current in the range 0-100 A, and generates voltage in the range 0-320 V (phase-neutral).
- Reduced dimensions and weight allow all field applications.
- The GP 3050 can be used in combination with all common models of reference standard meter, and operates indifferently at 50Hz or 60Hz.
- The U and I generation is synchronized with the network and it is quartz controlled.

### FUNCTIONS:

The GP 3050 provides a very complete test

- The test values are easily adjusted either manually via the built-in keyboard or automatically via the RS232C serial interface, connected to the SM 3050 or a PC.
- The GP 3050 provides any required power factor (phase shift U/I + 180°).
- The GP 3050 integrated measurement unit together with the IPS ref standard forms an effective device combination which permits to test easily and completely an electricity meter.
- There is no need to change connections during a complete test program.

### SPECS SUMMARY :

GP 3050	GP 3050 3
Current Output Output Power. (Current)	0-100 A 50 VA per phase
Voltage Output Output Power (Voltage)	0-320 V phase-neutral 25 VA per phase ( 200 mA max. )
Power supply	57,7-550 V, single-phase, 50/60 Hz
Power consumption. (max.)	350 VA
Dimensions	455 X 345 X 210 mm.
Weight	20 Kg.