

Single & Three Phase Meter Field Tester FT30xP III



The FT30xP III is the latest version of hand held, single and three phase portable working standard, with TFT colour screen operation. With 2 scanning head inputs and harmonic measurement the FT30xP III is ideal for on site testing, with either direct current connection or current clamp connection. A USB port allows extended memory and ease of data transfer.

Measurement Values:

Display of: Voltage, Current, Phase angles, Active Power, Reactive Power, Frequency, Power Factor, Vector diagram, Oscilloscope, THD Harmonics, Ratio test & percentage error.

Circuit type: 3 phase 4 wire, 3 phase 3 wire, 1 phase 2 wire, others on request.

Frequency range 45 to 65Hz

Phase angle 0° to 360 °

Power Supply Via measuring input (80V to 270V) or optionally via mains 230AC

Input Range: 3 x Voltage, from 50 to 300V LN (others on request)
3 x Current, to 10A direct and 100A via current clamps

Accuracy Range: 0.2% direct connected

Pulse input: 2 Main scanning head input is available

Colour screen:

A simple to use colour screen for reading and inputting data such as meter constant serial number etc. and selection of testing function et.. A built in memory for the storing of up to 1,000 typical results and a USB port for extended memory and data transfer.

Connections: Direct connections (voltage and current up to 10A) to the device under test (e.g. energy meter) are made using banana plugs

Indirect connections Up to 120A are made via CT's (probes). Other CT's ranges are available on request.

Environmental Conditions:

Operation Temperature: -10...50°C

Humidity 75 ...95%

Housing & Carrying case
Weight

A rugged water resistant housing with protective cover and cable bag
Less than 2kg

Standard Accessories: (Description)	(Quantity)
Current clamps (CT's)	3
Set of current and voltage cables	1
Set of crocodile clips and terminal ends	1
Scanning head for electronic and	
Electromechanical meters with attachment device	1
Cable bag	1