

Accuchek LT+

Meter testing equipment



Revenue
integrity



Best in
class accuracy



Alerts

Supports both static and electro-mechanical meter types

Accuchek LT + is specially designed for on-site testing of three phase whole current and current transformer (CT) operated energy meters. It helps in productivity improvement and revenue protection with reliable and accurate error measurements.



Benefits

- Provides high accuracy - 0.2 with ring CT and 0.5 with clamp-on CT
- Maximum current up to 10A in direct mode and up to 500A in clamp-on mode
- Suitable for electro-mechanical and digital energy meter testing
- Measures active, reactive and apparent energy
- Single mode operation available for single phase meter testing
- Extensive test result storage

Features

- Different modes of testing available- pulse, snap switch, dosage mode
- User friendly menu driven backlit LCD display with keypad
- Windows based Base Computer Software (BCS) for data upload, analysis and reporting
- Easy mounting arrangement
- Wide range of voltage and current inputs



Technical specifications

Electrical

Accuracy	Class 0.2s direct mode Class 0.5s for clamp-on CT mode
Voltage input	
3 phase	240 V -30% to +20%
1 phase	240 V -30% to +20%
Current range	
Direct	1 - 2 A, 5 - 10 A
Clamp-On CT	100 A / 200 A / 300 A / 500 A
Mains frequency	50 Hz ±5%
Activity indicator	High intensity red LED

Approvals

Certification	S mark
---------------	--------

Mechanical

Dimensions (WxHxD)	465 x 350 x 165 mm (approx.)
Degree of protection	IP 51
Enclosure	Aluminium
Sealing	Sealing on front case
Weight	10.5 kg (approx.)

Environmental

Temperature	-10°C to +50°C (operating)
Humidity	95 % non-condensing

Features

Display type	20 characters x 4 line, alpha numeric LCD with backlit and keypad
Display resolution	
Energy	0.0001 Wh / VARh / VAh
% Error	0.01
Voltage	0.01
Current	0.001 (1A), 0.001 (5A), 0.01 (clamp-on CT)
Dosage mode	Potential free output (240 V AC @ 1A) for driving external relay of test bench
Communication	RS232 serial port (DB9)
Memory	175 tests
Scanner sensing	Common for rotor mark and LED pulses blinking rate up to 200 Hz
Remote snap switch	Easy to hold, connect through a flexible cable to count pulse

Australia

sales_australia@securemeters.com
www.securemeters.com/au

Dubai

sales_middleeast@securemeters.com
www.securemeters.com/me

Europe

sales_europe@securemeters.com
www.securemeters.com/eu

India, SE Asia, Africa

sales_india@securemeters.com
www.securemeters.com/in

UK

sales_uk@securemeters.com
www.securemeters.com/uk