

FLUKE 1735 POWER LOGGER

NEC compliant load studies, energy consumption testing, and general power quality logging

The Fluke 1735 Power Logger is the ideal electrician's tool for conducting load studies according to National Electric Code 220.65. Set the 1735 up in seconds with the included flexible current probes and color display. The 1735 also logs most electrical parameters and harmonics as well as capturing voltage events.

Includes:

- Soft carrying case
- 4 flexible current probes (15 A/150 A/3000 A)
- Power Log software
- Voltage leads and clips
- Color localization set
- PC interface cable
- Universal AC adapter
- Printed English manual
- Multi-language manual CD

Features:

- Record loading according to NEC 30-day load study requirement
- Monitor demand at 15 minute or user-defined averaging periods
- Prove the benefit of efficiency improvements with energy consumption tests
- Measure harmonic distortion caused by electronic loads
- Improve reliability by capturing voltage dips and swells from load switching
- Easily confirm instrument setup with color display of waveforms and trends
- Measure all three phases and neutral with included 4 flexible current probes
- View graphs and generate reports with included Power Log software
- Compact, rugged design with IP65 case, 600 V CAT III and 2-year warranty



MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1735	1735	Power Logger- Analyst	2842.00

FLUKE 1623 AND 1625 GEO EARTH GROUND TESTERS

Fluke Delivers Stakeless Testing for quicker and more convenient Earth Ground Testing

The new Fluke 1623/1625 GEO Earth Ground Testers offer an innovative solution, called Stakeless testing, to make your earth ground loop resistance testing quicker and easier. The Fluke Earth Ground testers are able to measure earth ground loop resistances using only clamps. With stakeless testing, the earth ground rod does not need to be disconnected - leaving the bonded earth ground system intact during test. And gone are the days of spending time placing and connecting stakes for each earth ground rod on your system—a major time saver.

The Fluke 1623/1625 testers are indispensable troubleshooting tools to help you maintain uptime. With frustrating, intermittent electrical problems, the problem could be related to poor grounding or poor power quality. That is why it is highly recommended that all grounds and ground connections are checked at least annually as a part of your normal predictive maintenance plan.

Features:

Both the Fluke 1623 and 1625 can perform:

- Fall of potential testing (using stakes) (3- and 4- pole)
- 4 Pole Soil Resistivity testing (using stakes)
- Selective testing (using 1 clamp and stakes)
- Stakeless testing (using 2 clamps only)

The Fluke 1625 has additional features:

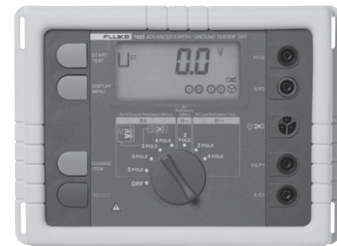
- Automatic Frequency Control (AFC): Identifies interference and chooses a suitable measuring frequency to minimize its effect, providing more reliable earth ground values
- R⁺ Measurement: Calculates earth ground impedance at 55Hz to more accurately reflect the earth ground impedance that a fault-to-earth ground would see
- Adjustable Limits: For quicker testing

Included with the 1623/1625 Testers

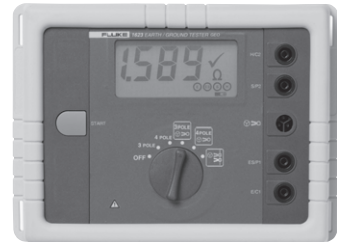
- Fluke-1623 or Fluke-1625 tester
- Test Leads
- Batteries
- Manual

Included with the 1623/1625 Kit:

- Fluke-1623 or Fluke-1625 tester
- EI-1623 or EI-1625, Selective/Stakeless Clamp Set - which contains: 4- earth ground stakes, 2- 25m cable reels, 1- 50m cable reel
- ES-162P4, 4 Pole Stake Kit - which contains 1- Sensing clamp, 1- Inducing clamp.
- Test leads
- Batteries
- Manual
- Rugged carrying case



Model 1625



Model 1623

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1623	1623	GEO Earth Ground Tester	1369.95
676-1623-KIT	1623KIT	GEO Earth Ground Tester Kit	2289.95
676-1625	1625	Advanced GEO Earth Ground Tester	2369.95
676-1625-KIT	1625KIT	Advanced GEO Earth Ground Tester Kit	3279.95

FLUKE 1740 SERIES POWER QUALITY LOGGERS

Assess power quality and conduct long-term studies with compact, rugged loggers and included analysis software

The Fluke 1740 Series Power Quality Loggers are the power quality technician's everyday instrument. Capable of logging over 500 parameters for up to 85 days, the Fluke 1740 Series helps uncover intermittent and hard-to-find issues. The included PQ Log software quickly assesses the quality of power at the service entrance, substation, or at the load according to the latest EN50160 standard.



Model 1745



Model 1744



Model 1743

Features:

- Measure all three phases and neutral with included 4 flexible current probes
- No power supply or batteries required, logger and current probes are powered from voltage inputs
- Accurately validate system performance with IEC 61000-4-30 class A voltage accuracy (0.1% of VI) and EN50160 overview
- Trend recorded data, generate reports, and monitor real-time with included PQ Log software
- Set up in minutes with the self-identifying current probes and single lead voltage connections
- Assess severity of power quality problems by capturing up to 13,000 dips, swells, or interruptions
- Designed for rugged field use with IP65 case (1743/4), -10°C +55°C operating range, 600 V CAT III and 2-year warranty

Includes:

- Soft carrying case
- 4 flexible current probes (15 A / 150 A / 1500 A / 3000 A)
- PQ Log software
- Voltage leads and clips
- Color localization kit
- PC Interface Cable
- International plug adapters
- Printed English manual
- Multi-language manual CD

MOUSER STOCK NO.	Fluke Part No.	Description	Price Each
676-1743	1743	Power Quality Logger- Memobox	4403.00
676-1744	1744	Power Quality Logger- Memobox	5530.00
676-1745	1745	Power Quality Logger- Memobox	6658.00

Feature:	1743	1744	1745
Logs voltage, current, dips, swells, interruptions, voltage harmonics, power, energy	•	•	•
Logs current harmonics, interharmonics, flicker, frequency		•	•
Dust/water resistance	IP 65	IP 65	IP 50
Display	LEDs	LEDs	LEDs+LCD
UPS	1s	1s	> 5 hrs
Memory	8 MB	8 MB	8 MB