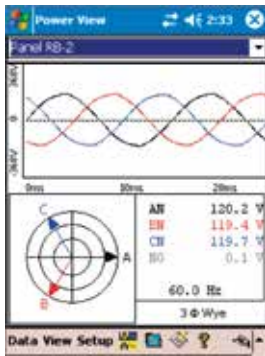


1750 Three-Phase Power Recorder

FLUKE®



On all inputs



View measurements real time with wireless TABLET interface



Fluke 1750-TF

Included Accessories

TABLET and charger power plug adapters, 4 current probes, 5 test leads and clips, SD memory card, Fluke Power View and Fluke Power Analyze software, power cord with international plug set, Ethernet cable, color localization set, soft carrying case, Printed Getting Started manual, CD with software and users manual PDF
4 iFlex thin flexis (Fluke 1750-TF only)
Basic model: excl. 4 current probes

Ordering Information

Fluke 1750/B	Three-Phase Basic Power Recorder
Fluke 1750	Three-Phase Power Recorder
Fluke 1750-TF	Three-Phase Power Recorder (incl. four flexis)

Never miss capturing a disturbance

With its exclusive threshold-free measurement system, the Fluke 1750 Power Recorder captures every measurement, every event, on every cycle, all the time. Outstanding accuracy and resolution provide complete visibility into your installation or distribution system.

- Power quality that meets the standard:**
All measurements comply with IEC61000-4-30 standards for correct evaluation of all measured values including voltage, current, power, harmonics, flicker etc.
- Quick and reliable configuration:**
TABLET wireless “front panel interface” provides the ability to verify setup without a laptop along with a window into what the instrument is recording, even in awkward test locations.
- Threshold-free setup:** Apply thresholds after data is collected with Fluke Power Analyzer Software so there is no need to worry about missed information due to incorrect set-up.

- Captures everything:** Cross-channel and current triggering capture every measurement, on every channel, every time.
- Intuitive PC software:** Easily analyze data and generate reports. Automated EN50160 reporting and compliance.
- Plug and play:** Set up in minutes with self-identifying current probes and single-lead voltage connections.
- No need to reconnect wires:** Swap channels internally with the wireless TABLET or PC when connections are not correct.
- Measure every parameter:** Voltage and current on three phases, neutral, and ground.
- 5 MHz, 8000 Vpk waveform capture:** Get a detailed picture of even the shortest events.
- Quickly retrieve data:** With included SD memory card or via the 100BaseT high-speed Ethernet connection

Specifications

(Check the Fluke web for detailed specifications)

Power quality measurement standards	
Conformance	IEC 61999-1-4 Class 1, IEC 61000-4-30, IEEES19, IEEE1159, IEEE1459 and EN50160
Clock/calendar	Leap years, 24-hour clock
Real-time clock accuracy	Not more than ± 1 s/day
Internal memory capacity for data	At least 1 GB
Maximum recording period	At least 31 days
Measurement time control	Automatic
Maximum number of events	Limited only by the size of the internal memory
Power requirements	100 to 240 V rms ± 10 %, 47-63 Hz, 40 W
Operating time during interruptions (internal UPS operation)	5 minutes per interruption, 60 minutes total operating time without recharging

Safety: EN 61010-1 2nd Edition; 2000
Weight: 6.3 kg
Size (H x W x D): 215 x 310 x 35 mm
One Year Warranty

Recommended Accessories

Model	Description
3210-PR-TF-II	1000A Thin flexible current transformer 61 cm (24") (20 A - 1000 A)
3310-PR-TF-II	5000A Thin flexible current transformer 61 cm (24") (100 A - 5000 A)
3312-PR-TF-II	5000A Thin flexible current transformer 122 cm (48") (100 A - 5000 A)
3140-PR	Clamp-on current transformer (2 A - 400 A)
i40S-PR	Clamp-on current transformer (0.1 A - 40 A)
i4S-PR	Clamp-on current transformer (0.01 A - 5 A)
FLUKE-1750/SEAT-L	Fluke Power Analyze - Additional SEAT LICENSE
FLUKE-1750/SITE-L	Fluke Power Analyze - Additional SITE LICENSE
FLUKE-1750/CASE	Hard Case
CS1750	Soft Case
FLUKE-1750-TABLET	Additional Wireless Interface TABLET
FLUKE-1750/MC	Additional 512 MB SD Memory Card