

ScopeMeter® 190 Series II

New



Fluke 190-204



Removable battery door

USB ports

The first four-channel scope with 600V CAT IV / 1000V CAT III and 1P-51 ratings

The first four-channel scope with 600V CAT IV / 1000V CAT III and 1P-51 ratings. The 190 Series II combines the high-performance of a bench oscilloscope with rugged portability for industrial applications. Four independent isolated inputs and the highest safety ratings allow maintenance technicians and engineers to take a four-channel scope into harsh, dirty environments. Choose from 100 MHz or 200 MHz bandwidth models, with fast sampling rates up to 2.5 GS/s and 400 ps resolution to capture noise and other disturbances. Deep

memory acquires 10,000 samples per channel allowing very small parts of the waveform to be examined in detail. New Li-Ion battery technology allows operation up to 7 hours without recharge. Easy-access battery door makes swapping batteries fast and easy. Two USB ports, electrically isolated from measurement input circuits, allow easy transfer of data to a PC with FlukeView ScopeMeter software (included). Waveforms, screen captures and instrument setups can also be stored on USB memory devices.

Key specification points:

- 4 independent isolated input channels enable 3-axis industrial testing, simultaneous testing of input signals, output signals and feedback loops or safety interlocks
- 3-phase testing for diagnosing VSD, power inverters, and converters
- 1000V maximum input (with 10:1 probe, 2mV/div to 100V/div sensitivity)
- Single shot, pulse width and video triggering
- Connect & View™ automatically sets up correct triggering for each test point
- ScopeRecord™ records waveforms up to 48 hours to capture random anomalies
- TrendPlot™ plots scope and DMM readings over time like a strip chart recorder for analysis of signal drift or fluctuations
- 100 screen Replay for the analysis of sudden signal changes
- Hanging hook to conveniently mount the ScopeMeter on equipment cabinets
- Battery Life: Up to 7 hours using BP291 (included)
- Size (HxWxD): 270x190x70 mm
- Weight: 2,2 kg
- Warranty: 3 years

Included Accessories

BP291 Li-Ion battery, (4800 mAh), VPS410 probe set (1 red, 1 blue, 1 grey, 1 green) including hook clips, ground leads with mini-alligator clips, ground springs and probe-tip insulation sleeves, BC190 Mains adapter/Battery charger, FlukeView demo package (with restricted functionality), USB interface cable for PC connection, Users manuals on CD-Rom. All /S Versions also include the C290 hard-shell carrying case and FlukeView software.

Ordering Information

Fluke-190-204/s	Color ScopeMeter (200 MHz, 4 channel), with SCC290-kit
Fluke-190-204	Color ScopeMeter (200 MHz, 4 channel)
Fluke-190-104/s	Color ScopeMeter (100 MHz, 4 channel), with SCC290-kit
Fluke-190-104	Color ScopeMeter (100 MHz, 4 channel)
AS400	Probe Accessory Extension set for VPS400 Series probes
BP291	Double capacity Li-Ion battery (4800 mAh) for Fluke 190C Series II
C195	Soft padded carrying case for ScopeMeter and accessories
C290	Protective Carrying Case for Fluke 190-series II
EBC290	External Battery Charger for charging BP290 or BC291 outside the instrument
HH 290	Hanging Hook
RS400	Probe Accessory Replacement for VPS400 Series probes
SCC290	Software and Case kit for Fluke 190 Series 190 Series II, Includes FlukeView Software and C290 Carrying Case
SW90W	FlukeView® ScopeMeter Software for Windows®
VPS410-B	Probe-set, blue, 10:1, 1000V CAT III / 600V CAT IV
VPS410-G	Probe-set, grey, 10:1, 1000V CAT III / 600V CAT IV
VPS410-R	Probe-set, red, 10:1, 1000V CAT III / 600V CAT IV
VPS410-V	Probe-set, green, 10:1, 1000V CAT III / 600V CAT IV
VPS420-R	Probe-set, red/black, 100:1, 150 MHz, 1000V CAT III / 600V CAT IV, working voltage (voltage between probe tip and reference lead): 2000V CAT III/1200V CAT IV.