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Fluke 190-202/S ScopeMeter® Test Tool

2.5 GS/s sampling rate, 200MHz bandwidth with 2 input channels and DMM for industrial process control, automation or electronic applications.

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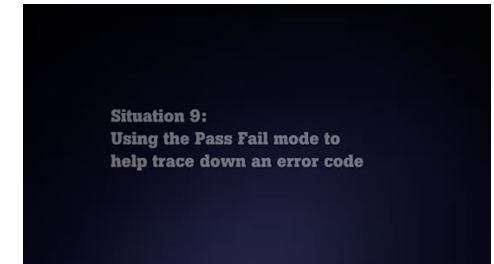
Specifications

Bandwidth 200 MHz

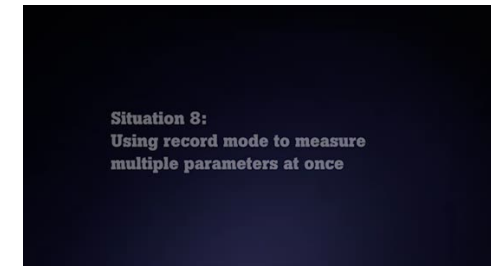
Number of channels 200 MHz: 2 channels

Real-time sample rate	2.5 GS/s
Inputs	2 scope plus DMM input
Independently floating isolated inputs	Up to 1000 V CAT III/600 V CAT IV between inputs, references and ground
Timebase range	2 ns - 2 min/div
Input sensitivity	2 mV-100 V/div
Trigger types	Connect-and-View™, Free Run, Single Shot, Edge, Delay, Dual Slope, Video, Video Line, Selectable pulse width, N-Cycle
Trigger source	Any scope input channel, or external via DMM input
Glitch capture	8 ns
Scope measurements	Cursor: 7 Automatic: 30
Maximum record length	ScopeRecord mode: 30,000 pts Scope mode: 10,000 pts per input
Persistence	Digital persistence giving analog oscilloscope-like waveform decay
Waveform compare	Waveform reference with automatic Pass/Fail testing
DMM specification	
Meter inputs (also used as External Trigger Input for the Oscilloscope Mode)	4 mm banana inputs, fully isolated from scope inputs and from scope ground
Maximum resolution:	5000 counts
Measurements:	Vdc, Vac rms, Vac+dc rms, Resistance, Continuity, Diode Test, Current (through clamp or shunt), Temperature °C or °F (using optional converter)
Memory	Screen + Setup: 30 Recording: 10
Display	153 mm full color LCD with fast update rate

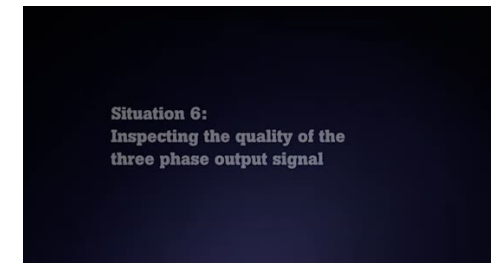
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Environmental specifications

Operating temperature 0 °C to 40 °C Including Batteries

0 °C to 50 °C Excluding Batteries

Storage temperature -20 °C to +60 °C

Operating altitude Up to 2,000 m (6666 ft) for CAT IV 600 V, CAT III 1000 V

Up to 3,000 m (10,000 ft) for CAT III 600 V, CAT II 1000 V

Safety specifications

Electrical safety 1,000V CAT III/600V CAT IV (EN61010-1)

Mechanical and general specifications

Size 270 x 190 x 70 mm

Weight 2.2 kg

Warranty 3-years on main instrument, 1-year on accessories

Li-Ion battery BP290 2400 mAh battery up to 4 Hours included standard

Included accessories

Two channel models VPS410 Voltage Probe Sets (one red, one blue)

TL175 TwistGuard™ safety designed Test Lead Set (red and black)

BC190 Battery Charger/mains Adapter

BP290 2400 mAh Li-ion Battery

Handstrap (affixed to instrument)

Hangstrap

Multi-Language User Manuals on CD-Rom

FlukeView ScopeMeter® demo package (restricted functionality)

USB Interface Cable

Warranty Three years on main instrument, one year on accessories

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