

Fluke ScopeMeter® 190 Series

Specifications	
Bandwidth	Fluke 199C: 200 MHz Fluke 196C: 100 MHz Fluke 192C: 60 MHz
Real-time sample rate	Fluke 199C: 2.5 GS/s Fluke 196C: 1 GS/s Fluke 192C: 500 MS/s
Inputs and digitizers	2 plus external / DMM input
Independently floating isolated inputs	Up to 1000 V between inputs, references and ground
Timebase range	5 ns - 2 min/div 10 ns - 2 min/div (192B)
Input sensitivity	190C Models: 2 mV-100 V/div
Trigger types	190C Models: Connect-and-View™, Free Run, Single Shot, Edge, Delay, Video, Selectable pulse width and External Dual slope trigger and Event trigger (n-cycle)
Glitch capture	50 ns (5 µs/div - 1 min/div)
Scope measurements	Cursor: 7 Automatic: 30
Maximum record length	ScopeRecord mode: 27,500 pts per input Scope mode: 3,000 pts per input
Memory	Screens + Setups: 15 Replay + Setups: 2
Display	190C Models: 144 mm full color LCD with fast update rate
Persistence	190C Models: Digital persistence giving analog oscilloscope-like waveform decay
Waveform Compare	190C Models: Waveform reference with automatic Pass/Fail testing

Environmental Specifications	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to +60°C
Operating Altitude	3,000 m

Safety Specifications	
Electrical Safety	1,000V CAT II/600V CAT III (EN61010-1)

Mechanical & General Specifications	
Size	256 x 169 x 64 mm
Weight	2.0 kg
Warranty	3-years on main instrument, 1-year on accessories
Battery Life	NiMH: 4 hrs
RS232/USB Interface	Optically isolated via optional PM9080/OC4USB for interfacing to Printer or PC