





ScopeMeter® Test Tools Selection Guide

	 ScopeMeter 190C Series		 ScopeMeter 190 Series			 ScopeMeter 123
	Fluke 199C	Fluke 196C	Fluke 199	Fluke 196	Fluke 192	Fluke 123
Bandwidth	200 MHz	100 MHz	200 MHz	100 MHz	60 MHz	20 MHz
Max. real time sample rate	2.5 GS/s	1 GS/s	2.5 GS/s	1 GS/s	500 MS/s	25 MS/s
Display	14.4 cm Full Color LCD		13.0 cm Monochrome LCD			10.2 cm Monochrome LCD
Persistence	Digital Persistence giving analog oscilloscope like waveform decay		Persistence on/off			-
Max. record length ... in Scope mode:	1200 points per input		1000 points per input			512 min/max
... in ScopeRecord mode:	27500 points per input (2 min/div. ... 5 ms/div.)		27500 points per input (2 min/div. ... 10 ms/div.)			-
Number of inputs	2 plus external/DMM input all isolated from each other and ground					2
Number of digitizers	2					2
Independently floating isolated inputs	Up to 1000 V between inputs references and ground					-
Input sensitivity	5 mV/div. ... 100 V/div.					5 mV/div. ... 500V/Div
Glitch capture	Up to 3 ns using Pulse Width triggering 50 ns peak detect at 5 ms/div. to 1 min/div					40 ns
Timebase range in Scope mode	5 ns/div. to 2 min/div.				10 ns/div. ... 2 min/div	20 ns/div. 1 min/div.
Trigger types	Connect-and-View ® , Free Run, Single Shot, Edge, Delay, Video, Video line, Selectable pulse width and External					Connect-and-View®, Free Run, Single Shot, Edge, Video

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Scope Measurements	7 cursors measurements, 30 automatic measurements	7 cursors measurements, 28 automatic measurement	26 automatic measurements
Scope-Record Trigger modes	Start on Trigger / Stop on Trigger	Start on Trigger	-
Capture last 100 screens	Automatic with Replay capability		-
Dual input TrendPlot	Yes with Cursors and Zoom		Yes
Memory for screens/set-ups	10 screens and set-ups		2 screens 10 setups
Memory for recordings	Two, each can store 100 scope screens, a ScopeRecord or a TrendPlot		-
True RMS multimeter	5000 counts, Volts, Amps, Ohms, Continuity, Diode, Temp		
Safety certified (EN61010)	1000 V CAT II / 600 V CAT III (instrument and included accessories)		600 V CAT III
Battery power	4 hr NiMH battery installed		5 hr NiCad
Line power	Adapter/battery charger included		
Size (cm)	25.6 x 16.9 x 6.4		23.2 x 11.5 x 5.0
Weight	2 kg		1.2 kg
PC and Printer interface	Using optional Optically Isolated adapter/cable		
Warranty	3 years, parts and labor		