

Fluke ScopeMeter® 120 Series

Specifications	
Oscilloscope Bandwidth	Fluke 125: 40 MHz Fluke 124: 40 MHz Fluke 123: 20 MHz
Dual input True RMS Meter	Vdc, Vac, Vac+Vdc, Ohms, Continuity, Diode-test Current, °C, °F, Capacitance, dBV, dBm, Crest Factor, Touch Hold and Zeroset
TrendPlot Recording	Automatic vertical scaling and time compression. Display the actual, MIN, MAX and AVG reading.
Cursors	Fluke 125/124: ΔT , $1/\Delta T$, V, ΔV , rise- and fall time
Real-time sample rate	25 MS/s
Equivalent sampling rate	up to 2.5 GS/s (125, 124) or 1.25 GS/s (123).
Inputs and digitizers	2
Timebase range	Fluke 125/124: 20 ns - 1 min/div Fluke 123: 10 ns - 1 min/div
Input sensitivity	5 mV - 500 V/div
Trigger types	Connect-and-View™, Free Run, Single Shot, Edge, Video, External
Glitch capture	40 ns
Scope measurements	Automatic measurements: 26 (all instruments) On top, Fluke 125 has additional measurement functions for Power (W), VA, VAR and Power Factor (PF) for single phase and balanced-three-phase (delta) power systems.
Harmonics mode	Fluke 125 has capability to analyze the harmonics contents of power signals. See below for details.
Maximum record length	512 min/max pts per input
Memory	Fluke 125/124: 20 screens and setups Fluke 123: 10 screens and setups

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	600V CAT III (EN61010-1)

Mechanical & General Specifications	
Size	232 x 115 x 50 mm
Weight	1.2 kg
Warranty	3-years on main instrument, 1-year on accessories
Battery Life	7 hrs using NiMH
RS232/USB Interface	Optically isolated via optional PM9080 or OC4USB for interfacing to Printer or PC