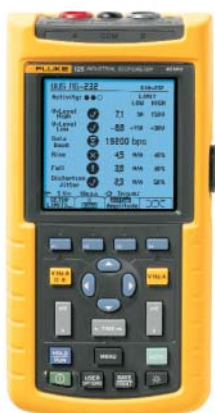


# ScopeMeter® 120 Series

**New**



Fluke 125



Fluke 124



Fluke 123

## Three-in-one simplicity

The compact ScopeMeter 120 Series is the rugged solution for industrial troubleshooting and installation applications. It's a truly integrated test tool, with oscilloscope, multimeter and "paperless" recorder in one affordable, easy-to-use instrument. Find fast answers to problems in machinery, instrumentation, control and power systems.

- Dual-input 40 MHz or 20 MHz digital oscilloscope
- Two 5,000 counts true-RMS digital multimeters
- A dual-input TrendPlot™ recorder
- Bus Health Test for industrial bus systems (Fluke 125)
- Connect-and-View™ trigger simplicity for hands-off operation
- Power Measurements and Harmonics measurement (Fluke 125)
- Shielded test leads for oscilloscope, resistance and continuity measurements
- Up to 7 hours battery operation
- 600 V CAT III safety certified
- Optically isolated interface for PC and Printer connection (optional)
- Rugged, compact case

### Connect-and-View™ triggering for an instant, stable display

Scope users know how difficult triggering can be. Wrong settings show unstable and sometimes wrong results. Fluke's unique

Connect-and-View recognizes signal patterns, and automatically sets up correct triggering. It provides a stable, reliable and repeatable display of virtually any signal - including motordrive and control signals - without touching a button. Signal changes are instantly recognized and settings adjusted for - once again - a stable display.

### Use TrendPlot™ to help find intermittents fast

The toughest faults to find are those that happen only once in a while: intermittents. They can be caused by bad connections, dust, dirt, corrosion or simply broken wiring or connectors. You may not be around to see it - your Fluke ScopeMeter will. In this "paperless recorder" mode, you can plot the minimum and maximum peak values and average over time - up to 22 days (Fluke 190 Series) or 16 days (Fluke 120 Series).

### Bus Health mode (Fluke 125)

Bus Health mode gives a clear "Good/Bad" indication for the electrical signals on industrial buses and networks, such as CAN-bus, Profi-bus, RS-232 and many more. The Fluke 125 validates the quality of the electrical signals as soon as any electrical signals are passed along the network.



On all inputs

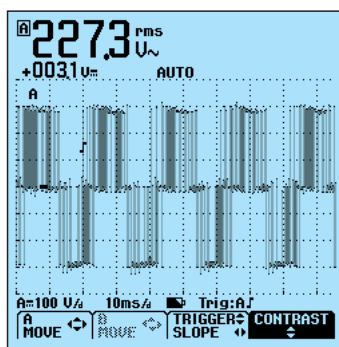


### Included Accessories

PM 8907 line adapter/charger, STL120 shielded test leads set (1 red, 1 grey), AC120 Alligator Clips, HC120 Hook Clips, BB120 shielded BNC adapter, BP120MH NiMH battery pack, VPS40 wide bandwidth Voltage Probe (Fluke 124/125), TL75 hard point test lead, i400s current clamp (Fluke 125), Getting Started booklet, user's manual (cd-rom)

### Ordering Information

Fluke 123	Industrial ScopeMeter® (20MHz)
Fluke 123/S	Industrial ScopeMeter® (20MHz) + SCC120 kit
Fluke 124	Industrial ScopeMeter® (40MHz)
Fluke 124/S	Industrial ScopeMeter® (40MHz) + SCC120 kit
Fluke 125	Industrial ScopeMeter (40 MHz)
Fluke 125/S	Industrial ScopeMeter (40 MHz) + SCC120 kit
SCC120	FlukeView® Software + OC4USB Cable + Carrying Case
OC4USB	USB Interface Cable
PM9080	RS-232 Interface Cable
DP120	Differential Voltage Probe
ITP120	Isolated Trigger Probe
SW90W	FlukeView Software



Connect-and-View captures even the most complex motor drive signals.

BUS RS-232		EIA-232	
Activity:	●●○	LIMIT	
		LOW	HIGH
U-Level High	✓	7,1	30 150V
U-Level Low	✓	-6,8	-150 -30V
Data Baud	⌘	19200	bps
Rise	✗	4,5	N/A 40%
Fall	!	3,8	N/A 40%
Distortion Jitter	✓	2,3	N/A 50%

Bus Health mode allows for an analysis of the signal quality on an industrial network.

### Recommended Accessories



SCC120



C43



DP120



OC4USB



SCC128