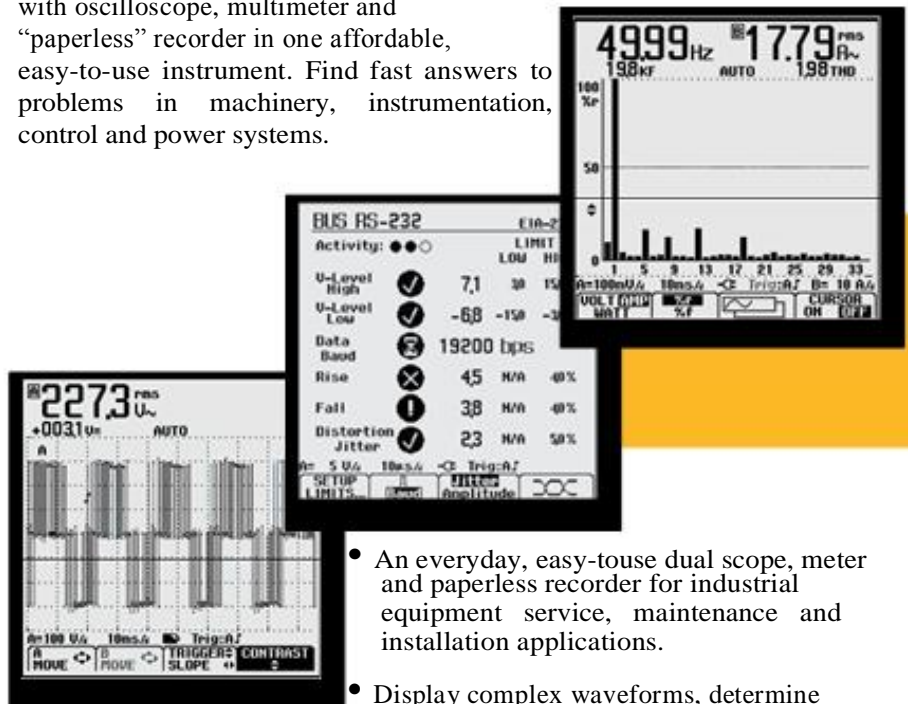


## Fluke ScopeMeter® 120 Series



Fluke 125 Industrial ScopeMeter®

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.



- An everyday, easy-to-use dual scope, meter and paperless recorder for industrial equipment service, maintenance and installation applications.
- Display complex waveforms, determine industrial bus health or measure harmonics and power on industrial machinery.

### • Key features

- Dual-input 40 MHz or 20 MHz digital oscilloscope
- ❖ Two 5,000-count true-rms digital multimeters
- ❖ A dual-input TrendPlot™ recorder
- ❖ Connect-and-View™ trigger simplicity for hands-off operation
- ❖ Single shielded test leads for oscilloscope, resistance and continuity measurements
- ❖ NEW: Industrial networks bus health testing (Fluke 125)

### ❖ = Unique selling point

- ❖ NEW: Measure harmonics and power, VA, VAR, W, PF (Fluke 125)
- ❖ 50 Ohm range with 0.01 Ohm resolution (Fluke 125)
- ❖ Cursors (Fluke 124, 125)
- ❖ Up to seven hours battery operation
- ❖ 600 V CAT III safety certified
- ❖ Optically isolated RS-232 interface
- ❖ Rugged compact case

## Fluke ScopeMeter® 120 Series

Mainframes	Description	US list
Fluke 125S	Industrial ScopeMeter, bus health, power and harmonics with SCC120 kit	\$1749
Fluke 125	Industrial ScopeMeter, bus health, power and harmonics	\$2059
Fluke 124S	Industrial ScopeMeter, 40 MHz, with SCC120 kit	\$1809
Fluke 124	Industrial ScopeMeter, 40 MHz	\$1499
Fluke 123S	Industrial ScopeMeter, 20 MHz, with SCC120 kit	\$1509
Fluke 123	Industrial ScopeMeter, 20 MHz	\$1199
<b>Standard units include:</b>		<b>Units with SCC Kit add:</b>
<ul style="list-style-type: none"> <li>• Power adapter</li> <li>• STL120 test leads</li> <li>• VPS40 - 40 MHz probe (Fluke 124 and 125) • BP120MH (installed)</li> <li>• i400s current clamp (Fluke 125)</li> </ul>		<ul style="list-style-type: none"> <li>• C120 carrying case</li> <li>• OC4USB optical isolated RS-232 to USB adapter cable</li> <li>• FlukeView® Software</li> </ul>



ScopeMeter®



Fluke 124 Industrial ScopeMeter®

Application	Industrial network and machinery troubleshooting	Industrial electrical and electronics service	Electro-mechanical Troubleshooting
	<ul style="list-style-type: none"> <li>• Production and plant processing equipment interconnected by digital network backbone</li> <li>• Complex power control circuits (SCRs, IGBTs, etc.) now widely used in industrial machinery</li> </ul>	<ul style="list-style-type: none"> <li>• Power system controls</li> <li>• Motor drives</li> <li>• Sensors</li> <li>• Control systems</li> <li>• Standby power generators</li> </ul>	<ul style="list-style-type: none"> <li>• Actuators and relays</li> <li>• Transducers</li> <li>• Interlocks and switches</li> <li>• Flow sensors</li> <li>• Linear motors</li> <li>• Rotary encoders</li> </ul>
<b>ScopeMeter®</b>	<b>Fluke 125</b>	<b>Fluke 124</b>	<b>Fluke 123</b>
Display	10.2 cm monochrome LCD		
Bandwidth	40 MHz	40 MHz	20 MHz
Number of inputs	2; optional isolated external Trigger through ITP120		
True-rms multimeter	Dual fully featured 5000 counts DMM		
Dual input TrendPlot	Yes, with cursors		Yes
Trigger types	Connect-and-View™, free run, single shot, edge, video		
Scope Envelope mode	Yes		
Scope measurements	As 124 + power, VA, VAR, PF, RPM, Vpwm; THD	Cursors + 26 automatic measurements	26 automatic measurements
Bus Health Test function	For standard industry buses	--	
Waveform mathematics	Harmonics mode	--	
Power measurements	Power, VA, VAR, PF, Vpwm	--	
Memory (screens/set-ups)	20		10
Safety certified (EN61010-1)	600 V CAT III (instrument and included accessories)		
Battery (installed)	7-hour Ni-MH (BP120MH)		
PC and printer interface	Using optional optically insulated adapter / cable OC4USB (USB) or PM9080 (RS-232)		
Warranty	Three years on main instrument: One year on the standard accessories		

