

Industrial ScopeMeter Test Tools

Rugged solution for industrial troubleshooting and installation applications

The compact ScopeMeter 120 Series is an 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 5000 count True RMS digital multimeters
- A dual input TrendPlot™ recorder
- Connect-and-View™ trigger simplicity for hands-off operation
- Shielded test leads for oscilloscope, resistance and continuity measurements
- Up to 7 hours battery operation
- Optically isolated RS-232 interface
- 10:1 voltage probe included with models 124/003 and 125/003 for high-frequency measurements
- Model 125/003 adds on Industrial Networks Bus Health testing, power and harmonics measurements, rpm and Hz reading, Vac pwm and low impedance measurements—making it ideal for machinery maintenance and industrial network troubleshooting



SPECIFICATIONS

Model No.	123/003	124/003	125/003
Bandwidth (MHz)	20	40	40
Max sample rate	25 MS/s		
Max record length	512 Points (Min/Max pairs)		
Inputs	2; Optional Isolated External Trig through ITP120		
Input sensitivity	5 mV/div to 500 V/div		
True RMS DMM	Dual fully featured 5000 counts DMM		
Display	Monochrome		
Scope measurements	Cursors + 26 automatic measurements	26 automatic measurements	Same as 124/003 plus Power, VA, VAR, PF, rpm, Vpwm; THD
Bus health test function	—	—	For standard industry buses
Waveform mathematics	—	—	Harmonics mode
Power measurements	—	—	Power, vA, VAR, PF, Vpwm
Dimensions (W x H x D)	6 ² / ₃ " x 10" x 2 ¹ / ₂ " (169 x 256 x 64 mm)		
Power	Rechargeable NiMH battery with adapter/battery charger		

Catalog No.	Model No.	Description
TS-26101-00	123/003	Industrial 20 MHz ScopeMeter
TS-26101-02	124/003	Industrial 40 MHz ScopeMeter with voltage probe (40 MHz, 10:1)
TS-23041-65	125/003	Industrial 40 MHz ScopeMeter with voltage probe (40 MHz, 10:1) with industrial bus health test function
Accessories		
TS-26096-72	SCC120E	FlukeView® software, cable and carrying case kit
TS-26059-04	PAC91	Optical to parallel printer adapter cable
TS-20051-15	SW90W	FlukeView ScopeMeter software
TS-26102-40	80i-110S	Clamp-on DC/AC current probe, 0 to 100 amps
TS-20031-82	i-1000S	Clamp-on AC current/power probe, 0.1 to 1000 amps
TS-17100-12	—	NIST-traceable calibration with data