

# FLUKE Scopemeters, Process Meters and Thermal Imagers

## FLUKE® 120 SERIES INDUSTRIAL SCOPEMETERS®

**Features:**

- Fast Fault Finding with Connect-and-View™
- Connect-and-View hands-off operation provides rock stable, reliable, and repeatable displays of signals without touching a button.
- All signal detail is revealed, including spikes and noise.
- Even complex signals are triggered automatically and flawlessly.
- The Fluke 123 features unique "single test lead does all measurements" providing intuitive ease of use.
- You can use one and the same set of test leads for waveform display, multiple meter readings, capacitance and resistance measurements, and continuity checking.
- There's no need to swap leads.

- You can perform checks while holding the test leads.
- No adjustments to the ScopeMeter are necessary.
- Battery power provides isolation from ground and delivers optimum mobility with no line cords or ground wire to get in the way of getting good measurements.
- The Fluke 123 Industrial ScopeMeter streamlines troubleshooting tasks making you and your team more efficient.
- 5 Hour NiCHD Battery
- 3 Year Warranty

**Fluke 124 Enhancements:**

- 40 MHz Bandwidth with new Probes
- 20 Setup/screen memories with text annotation (thru Fluke ScopeMeter software)
- On screen cursor measurements
- 7 hour NiMH battery

**Fluke 125 Enhancements:**

- Bus Health test for industrial bus systems
- Power measurements capabilities
- 40MHz Bandwidth with new probes

MOUSER STOCK NO.		Fig.	Description	Price Each
Mfr.	Mfr. Part No.			
676	—123/003	A	123 with leads only	1405.00
676	—124/003S	-	124 kit with cable, software, leads, and case	2025.00
676	—125/003S	-	Industrial ScopeMeter (40MHz)	2405.00
<b>Accessories</b>				
676	—TL220	-	SureGrip industrial test lead set	59.10
676	—C125	-	Soft meter case	34.00
676	—80I-110S	-	AC/DC current probe (100A)	574.49
676	—I200S	-	AC current clamp (200A)	190.49
676	—80TK	-	Thermocouple module (Type K)	110.98

## FLUKE® 190 SERIES SCOPEMETERS®



**Features:**

- The new ScopeMeter® 190C Series with large, high-resolution, color screen and new Digital Persistence mode gives you an even better view of complex waveforms in the most demanding troubleshooting applications in the field. In addition to the impressive capabilities of the 190 Series, the new color models offer:
  - Color for easy identification of individual waveforms.
  - Full-size, high-resolution screen for revealing more signal detail.
  - Digital Persistence for analyzing complex dynamic waveforms like on an analog scope.

- Fast display update rate for seeing dynamic behavior instantaneously.
- Stop-on-Trigger in ScopeRecord™ mode for storing and analyzing pre-trigger waveform data.
- Waveform reference for visual comparisons.
- Wpwm function for motor drive and frequency inverter applications.
- All the high performance scope specifications of the Fluke190 Series ScopeMeter apply.

MOUSER STOCK NO.		Fig.	Description	Price Each
Mfr.	Mfr. Part No.			
676	—FLUKE-190-204/AM	B	ScopeMeter 4-chan 200 MHz Color	4250.00
676	—FLUKE-190-204/AMS	B	ScopeMeter 4-chan 200 MHz Color SCC	4650.00
676	—FLUKE-190-104/AM	B	ScopeMeter 4-chan 100 MHz Color	3750.00
676	—FLUKE-190-104/AMS	B	ScopeMeter 4-chan 100 MHz Color SCC	4150.00
676	—190-062AM	B	Color ScopeMeter, 60 MHz, 2 channels plus DMM/Ext.input	2895.00
676	—190-062AMS	B	Color ScopeMeter, 60 MHz, 2 channels plus DMM/Ext.input, with SCC-290 kit included	3295.00
676	—190-102AM	B	Color ScopeMeter, 100 MHz, 2 channels plus DMM/Ext.input	3330.00
676	—190-102AMS	B	Color ScopeMeter, 100 MHz, 2 channels plus DMM/Ext.input, with SCC-290 kit included	3730.00
676	—190-202AM	B	Color ScopeMeter, 200 MHz, 2 channels plus DMM/Ext.input	3690.00
676	—190-202AMS	B	Color ScopeMeter, 200 MHz, 2 channels plus DMM/Ext.input, with SCC-290 kit included	4090.00
<b>Accessories</b>				
676	—VPS410-R	C	Voltage probe set 10:1 red 190 Series	182.00
676	—VPS410-B	C	Voltage probe set 10:1 blue 190 Series	182.00
676	—VPS410-G	C	Voltage probe set 10:1 grey 190 Series	182.00
676	—VPS410-V	C	Voltage probe set 10:1 grn 190 Series	182.00
676	—RS400	C	Probe set for VPS400 probes 190 Series II	137.00
676	—AS400	C	Probe set for VPS400 probes 190 Series II	102.00
676	—BP291	-	LI-ion battery pack Fluke 190 Series II	290.00
676	—C290	-	Hard-shell carrying case 190 Series II	195.00
676	—SCC290	-	Software, carrying case kit 190 Series	400.00
676	—EBC290	-	Ext Batt charger LI-ion battery	95.00
676	—TLK-225	-	SureGrip master accessory set	116.98
676	—DP120	-	Differential probe	560.00
676	—AC220	-	SureGrip alligator clips	30.49
676	—AC283	-	SureGrip pincer clips	30.10
676	—C195	-	Soft case	150.00
676	—80I-110S	-	AC/DC current probe (100A)	574.49
676	—I410	-	AC/DC current clamp (400A)	198.98
676	—SW90W	-	FlukeView ScopeMeter software	255.00

## FLUKE® 787 AND 789 PROCESSMETERS

**787 Features:**

- DMM and loop calibrator in one tool
- Clear LCD with backlight; 4,000 counts (30,000 counts for dc current)
- Externally accessible battery for easy battery changes
- 1000V overload protection on V, ohms, frequency
- 150V overload protection on mA, backed-up by 440mA 1000V fuse
- 25% Manual Step plus Auto Step and Auto Ramp on mA output.

**789 Features:**

- 24V loop power supply
- Very large dual display
- Enhanced backlighting with two brightness settings
- 1200Q drive capability on mA source
- HART® mode setting with loop power and a built-in 250Q resistor
- 0% and 100% buttons to toggle between 4 and 2mA sourcing for a quick span check
- Externally accessible fuses for easy replacement
- Infrared port to process data in FlukeView™ Software

MOUSER STOCK NO.		Fig.	Description	Model	Price Each
Mfr.	Mfr. Part No.				
676	—787	D	Fluke 787 Process Meter	-	699.00
676	—789	E	Fluke 789 Process Meter	-	809.73
<b>Accessories</b>					
676	—TL220	-	SureGrip industrial test lead set	787 & 789	59.10
676	—AC220	-	SureGrip alligator clips	787 & 789	30.49
676	—TL238	-	Test lead set for high energy environments	787 & 789	58.45
676	—C25	-	Large soft case for DMMs	787 & 789	30.98
676	—I1010	-	AC/DC current clamp (1000A)	787	316.40
676	—I410	-	AC/DC current clamp (400A)	787	198.98
676	—FOM	-	Fiber optic meter	787	434.49
676	—80TK	-	Thermocouple module (Type K)	787	110.98
676	—TPAK	-	ToolPak, meter hanging kit	789	33.15
676	—PV350	-	Pressure vacuum module	789	366.99
676	—80T-150UA	-	Universal temperature probe	789	196.99
676	—VFV-SC2	-	FlukeView forms software with cable	789	192.98



Fluke Test Equipment