

These colour display DSO's have been designed for a wide multitude of applications in industrial, education and service applications. For ease of operation the "Autoset" function allows for signal related automatic setup of measuring parameters. On screen readout and cursor functions for voltage, frequency and frequency measurement provide extraordinary operational convenience. Fifteen different user defined instrument settings can be saved and recalled without restriction. The valuable "Program" mode is able to help users record all the necessary measuring steps and replay all steps again. The special "Go-No-Go" function is useful for distinguishing pass or failure conditions. These scopes offer the right combination of triggering control, frequency response and time base versatility to facilitate measurements in a wide range of applications in laboratory as well as in field service use.

- 2 channel 150MHz & 250MHz bandwidth
- Sample rate up to 25GS/s ET
- 125K record length per channel
- Large LCD 5.7" colour display
- Built in learn mode for tracking and training
- Built in FFT function
- Built in help menu
- Six digit frequency counter
- Built in Go-No-Go function for manufacturing
- RS-232, USB and printer port interfaces included

	491-1945	491-1969
Vertical System	72-7235	72-7240
Bandwidth	150MHz	250MHz
Channels	2	2
Vertical Sensitivity	2mV/ div - 5V/ div	
Rise Time	<2.3ns	<1.4ns
Input Coupling	1M ohm	
Max. Voltage Between Signals	300V (DC+AC peak) CAT II	
Signal Acquisition	100MS/s Max. on each channel	25GS/s Max. on each channel
Real Time Sample Rate		
Equivalent Sample Rate	125K / CH	
Record Length	1 ns/ div to 10 s/div	
Horizontal System	+ r - 0.01%	
Time Base Range	CH1, CH2, LINE, EXT	
Time Base Accuracy	Auto Level, Auto, Normal, Single, TV, Time Delay, Event Delay, Edge, Pulse Width	
Trigger	CH1 / CH2	
Trigger Source	6 digit	
Mode	AC, DC, HF, LF, Noise Reject	
X-Y-Mode	CH1 / CH2	
Coupling	6 digit	
X- Axis Input / Y- Axis Input	Autoset, Save/Recall, Waveform Trace, Save/Recall	
Frequency Counter		
Readout		
Control Panel		

Mfrs. List No.	Order Code	1+	+	+
72-7235	C18 491-1945	66,892.00	--	--
72-7240	C18 491-1969	88,968.00	--	--
Standard Calibration Charge		S C18	2	2
UKAS Calibration Charge		N C18	2	2

Oscilloscope Probes



A range of high quality, low cost replacement probes.

- X1/X10 attenuation (76-107 is X10 only)
- 1Ω (X1) and 10MΩ (X10) input impedance
- 1.2m cable length
- 10-35pF compensation adjustment
- Low noise
- 76-107 includes a readout actuator pin on the BNC connector
- 600V maximum (DC+AC peak)
- CE marked, meets EN-61010-2-031 CAT I (IEC-1010) requirements
- Includes accessory kit and storage pouch

Model	Bandwidth (X10 position)	Risetime (X10 position)	Order Code
76-109	60MHz (-3dB) into 18pF	5.8ns	342-1582
76-102	100MHz (-3dB) into 16pF	<305ns	342-1594
76-105	200MHz (-3dB) into 14pF	<1.8ns	342-1600
76-106	250MHz (-3dB) into 14pF	<1.4ns	342-1612
76-107 (X10)	250MHz (-3dB) into 14pF	<1.4ns	342-1624

Mfrs. List No.	Order Code	1+	Price Each
76-109	342-1582		1,386.00
76-102	342-1594		1,478.00
76-105	342-1600		2,310.00
76-106	342-1612		2,800.00
76-107	342-1624		2,613.00

Oscilloscopes - Handheld

Digital Oscilloscope ScopeMeter 124



H=232, W=115, D=50mm
Weight=1.2kg

The compact ScopeMeter 124 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 offer affordable, easy-to-use instrument. Find fast answers to problems in machinery, instrumentation, control and power systems.



- Dual-input 40 MHz digital oscilloscope
- Two 5,000 counts 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
- 10:1 Voltage Probe included for high frequency measurements
- Up to 7 hours battery operation
- 600 V CAT III safety certified
- Optically isolated RS-232 interface
- Rugged, compact case

Bandwidth	40MHz	True RMS multimeter	5000 counts, dual input
Sample rate	25 MS/s	Connect and view triggering	Yes
Input sensitivity	5 mV - 500 V/div	Video triggering with line count	Yes
Timebase range	10 ns/div to 1 min/div	Dual input trendplot	Yes
Inputs and digitisers	2	Memory for screens/set ups	20
Max record length	512 min/max points per input	Line power	Adapter/battery charger included
Glitch capture	40 ns	Batteries	7 hours NiMH
Scope measurements	26 automatic		

Included accessories

PM8907 line adapter/charger, STL120 shielded test leads set, AC120 alligator clips, HC120 hook clips, BB120 shielded BNC adapter, BP130 NiMH battery pack, VPS40 voltage probe

Prices where indicated by a **11** are subject to change. Please call your local sales office or visit www.farnellinone.com for the latest prices.

Mfrs. List No.	Order Code	1+	+	+
UK Power Adaptor				
FLUKE 124	438-3450	11	11	11
European Power Adaptor				
FLUKE 124	444-8662	11	11	11
Accessories				
C101 Carry Case	947-9783	11	11	11
			Price Each	11
Standard Calibration Charge		S C14	2	2

Mfrs. List No.	Order Code	1+	+	+
Accessories				
SCC120E Kit	908-149	11	11	11

Scopemeter 190 Series



- Up to 200 Mhz bandwidth and up to 2.5GS/s real time sampling
- 20% larger screens: full colour LCD (190C series) or monochrome LCD (190B Series)
- Fast display update rate
- V_{pwm} measurement for variable speed drives
- Fully isolated inputs and 4 hours NiMH battery operating time

Model	Fluke 199B	Fluke 196B	Fluke 192B
	Fluke 199C	Fluke 196C	
Bandwidth	200MHz	100MHz	60MHz
Max. Real-time sample rate	2.5 GS/s	1GS/s	500 MS/s
Display	14.4 cm LCD		
Envelope mode	Yes		
Max record length	27,500pts (scopeRECORD), 1200 pts (scopeMODE)		
Number of inputs	2 plus external/DMM input, all isolated from each other and from ground		
Number of digitizers	2		
Independently floating isolated inputs	Up to 1000V between inputs, reference & ground		
Timebase range	5ns - 2min/div	10ns - 2 min/div	
Input sensitivity	2mV-100V/div	5mV-100V/div	
Trigger types	Connect and view, Free run, Single shot, Edge, Delay, Video frame, Video line, Selectable pulse width and External		

Test Equipment - Electrical / Environmental

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Compliant Non-compliant + Limited stock - RoHS replacement available
RoHS