Portable Oscilloscope Selection Guide

Models	120B Series			190 Series III							MDA Series III
	123B	**124B**	**125B**	**190-062**	**190-102**	**190-104**	**190-202**	**190-204**	**190-502**	**190-504**	**MDA-550**
Bandwidth	20 MHz	40 MHz	40 MHz	60 MHz	100 MHz	100 MHz	200 MHz	200 MHz	500 MHz	500 MHz	500 MHz
Input Channels											
2 scope/DMM Channels	•	•	•								
2 scope Channels + 1 DMM				•	•		•		•		
4 Channels						•		•		•	•
Isolated Inputs				•	•	•	•	•	•	•	•
Triggering											
Connect–and–View™	•	•	•	•	•	•	•	•	•	•	•
IntellaSet™ Technology	•	•	•								
Advanced Triggering				•	•	•	•	•	•	•	•
Advanced Measurement Function											
Cursors		•	•	•	•	•	•	•	•	•	•
TrendPlot™	•	•	•	•	•	•	•	•	•	•	•
ScopeRecord™	•	•	•	•	•	•	•	•	•	•	•
100 screen Replay				•	•	•	•	•	•	•	•
Industrial Bus Health			•								
Harmonics			•								•
FFT				•	•	•	•	•	•	•	•
Power Measurements		•	•	•	•	•	•	•	•	•	•
Waveform Mathematics		•	•	•	•	•	•	•	•	•	•
Guided Motor–Drive Analysis											
Motor Drive Input (V, I, Unbalance)											•
Motor Drive Input Harmonics (2–150)											•
Motor Drive DC Bus											•
Motor Drive Output PWM (V, I, dV/dt, overshoot)											•
Motor Drive Input PWM (V, I, dV/dt, overshoot)											•
Motor Shaft Voltage Discharges											•
EN61010-1 Safety											
CAT III 1000 V				•	•	•	•	•	•	•	•
CAT IV 600 V	•	•	•	•	•	•	•	•	•	•	•
Power											
Li–ion	•	•	•	•	•	•	•	•	•	•	•
Battery (hours)	7	7	7	3.5 (opt 8)	3.5 (opt 8)	7	3.5 (opt 8)	7	7	7	7
General Specifications											
Size (H × W × D)	259 mm × 132 mm × 55 mm			270 mm × 190 mm × 70 mm (10.5 in × 7.5 in × 2.8 in)							
Weight	1.4 kg (3.2 lb)			2.2 kg (4.8 lb)							
Fluke Connect®											
Fluke Connect® App	•	•	•								

FlukeView® ScopeMeter® Software for Documenting, Archiving and Analysis of Waveforms

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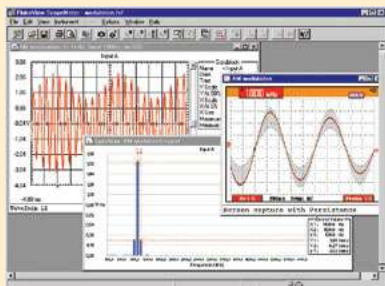
- Copy screen images into your reports and documentation
- Store instrument's screen copies on the PC, in colour
- Capture and store waveform data from your ScopeMeter on your PC
- Online recording of your current waveform
- Create and archive waveform references for easy comparison
- Copy waveform data into your spreadsheet for detailed analysis
- Export data to another analysis program
- Use cursors for parameter measurement
- Add user text to instrument setups and send them to the instrument for operator reference and instructions