








FLUKE®

Fluke Digital Multimeters

Solutions for every need



Digital Multimeter selection chart

	Best for	Applications	Recommended DMM
Advanced meters	Advanced industrial troubleshooting, including data logging and graphing intermittent problems	Logging: For unattended monitoring of signals over time, to detect intermittent problems.	289 
		Graphing: View logged values graphically in the field right on the meter, without a PC.	
		Working on VSDs: Take accurate voltage, current and frequency measurements on the output side of the drive at either the drive itself or the motor terminals.	
		Testing motor windings or contact resistance: Allows testing of resistance up to 50 ohms with one milliohm (0.001 ohm) resolution.	
Advanced meters	Advanced electronic applications, including data logging and graphing intermittent problems	Logging: For unattended monitoring of signals over time, characterize device performance.	287 
		Graphing: View logged values graphically in the field right on the meter, without a PC.	
		Monitoring two parameters at the same time: Dual display allows for monitoring of two selectable parameters.	
		Performance testing: Testing the frequency response of amplifiers and audio transmission line.	
Advanced meters	Industrial troubleshooting	Working on VSDs: Take accurate voltage, current and frequency measurements on the output side of the drive at either the drive itself or at the motor terminals.	87V 
		Industrial troubleshooting: All of the resolution and accuracy you need to solve more problems on motor drives, in-plant automation, power distribution, and electromechanical equipment.	
		Checking power quality: Capture glitches and spikes as short as 250 μs. Identify irregular signals.	
Wireless meters	Remote Display Digital Multimeter	Take measurements in hard to reach places: With its removable display, you have the flexibility to take measurements in hard to reach places or in areas with restricted access. You can be in two places at once and reduce the risk of arc flash by separating yourself from hazardous measurement situations.	233 
		Work more productively: Now one person can complete a test that would have required two people using ordinary test tools.	
	Fluke FC wireless test tools work together to help you troubleshoot faster	Work faster, safer and easier with FC Wireless Test Tools: The 3000 FC Multimeter displays the meter measurement, plus readings from up to three wireless modules, connect to your smart phone to see reading directly on your phone.	3000 FC  New
	Build the system as your needs grow: Start with the multimeter and future proof your investment.		
General purpose meters	Every day use requiring true-rms, accurate, rugged meter	Industrial troubleshooting: Applications requiring exceptional ease-of-use, ruggedness and reliability.	179 
		Electrical maintenance and troubleshooting: Variety of commercial electrical troubleshooting, installation and maintenance.	
		Temperature measurements: Built-in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument.	
General purpose meters	Every day use requiring average responding, accurate, rugged meter	Industrial troubleshooting: Applications requiring exceptional ease-of-use, ruggedness and reliability.	77 IV 
		Electrical maintenance and troubleshooting: Variety of commercial electrical troubleshooting, installation and maintenance.	