

# Fluke 116 and 114 Digital Multimeters

## HVAC/R and electrical troubleshooting



Fluke 116



The Fluke 116 Digital Multimeter was specifically designed for the HVAC professional. The Fluke 114 Digital Multimeter is the best troubleshooting tool for “go/no-go” testing.

- Built in thermometer for HVAC applications (116)
- Microamps to test flame sensors (116)
- AutoVolt: Automatic ac/dc voltage selection (114)
- LoZ: Helps prevent false readings due to ghost voltage
- Min/Max/Avg to record signal fluctuations
- Resistance, continuity, frequency and capacitance
- Large white LED backlight to work in poorly lit areas
- Compact ergonomic design for one-handed operation
- Compatible with optional magnetic hanger (TPAK)



Fluke 114

### Recommended accessories Fluke 116



**80AK-A**  
DMM Adapter  
See page 71



**80PK-22**  
SureGrip™ Immersion  
Temperature Probe  
See page 71



**80PK-8**  
Pipe Clamp  
Temperature Probe  
See page 72



**80PK-27**  
SureGrip™ Industrial  
Surface Probe  
See page 71

### Recommended kits



#### 116/323 HVAC Combo Kit

- HVAC multimeter with temperature and microamps
- Compact clamp meter
- Test lead set
- Pipe wrap thermocouple
- Thermocouple adapter
- Thermocouple bead probe
- Meter hanging accessory
- Deluxe carrying case with shoulder strap



#### 116/62 MAX+ HVAC Combo Kit

- HVAC multimeter with temperature and microamps
- Infrared thermometer
- Test lead set
- Pipe wrap thermocouple
- Thermocouple adapter
- Type K integrated temperature probe
- Magnetic meter hanging strap
- Deluxe carrying case with shoulder strap

### Features

Features	116	114
Temperature	•	
Microamps	•	
Frequency	•	
Capacitance	•	
Diode test	•	
AutoVolt/LoZ	•	•
Analog bargraph	•	•
Large backlit digital display	•	•
True-rms for accurate measurements on non-linear loads	•	•
Min/Max recording	•	•
Display hold	•	•
3-1/2 digits	•	•
6000 counts	•	•
CAT III 600 V safety rated	•	•
Three-year warranty	•	•

### Specifications

Functions	Range and resolution	Best accuracy
Volts ac/dc	600 V	0.5 % + 2
Current ac/dc (116 only)	600.0 µA	1.0 % + 2
Temperature (116 only)	+400 °C	1.0 % + 18
Resistance	40 MΩ	0.9 % + 2
Capacitance (116 only)	1 nF to 9,999 µF	1.9 % + 2
Frequency (116 only)	5 Hz to 99.99 kHz	0.1 % + 2

### Ordering information

Included accessories	Models
Test leads, integrated temperature probe (116 only), holster, users manual and 9 V battery (installed).	FLUKE-116 HVAC Multimeter with Temperature and Microamps
	FLUKE-114 Electrical Multimeter
	FLUKE-116/62 Max+ HVAC Combo Kit
	FLUKE-116/323 HVAC Combo Kit

Check price and availability at  
[www.fluke.com/wtb](http://www.fluke.com/wtb)