

# 78 Automotive Multimeter with RPM, Dwell, Temp

## Features

- Volts, amps, continuity and resistance
- Frequency for "pulsed-DC" and AC frequency tests
- Duty Cycle to verify operation of feedback carburetors, and other variable duty cycle signals
- Direct Reading Dwell for 3, 4, 5, 6 and 8-cylinder engines
- Temperature in °F or °C up to 980°F or 980°C; thermocouple bead probe and adapter plug accessories included
- Min/Max Recording work with all meter functions
- Precision Analog Bar Graph
- RPM80 Inductive Pickup (optional accessory) for both conventional and distributorless (DIS) ignitions)
- 10 Megohm Input Impedance
- Sleep Mode
- Protective Holster with Flex-Stand™

## Specifications

Basic Accuracy (± % of reading)			
Function	Range	Accuracy	Best Resolution
DC Voltage	400 mV - 800V	0.3%	0.1 mV
AC Voltage	4V - 800V	2.5%	0.001V
DC Current	4A - 10A	1.0%	0.001A
AC Current	10A	2.5%	0.01 A
Resistance	400 Ω - 40 MΩ	0.5%	0.1 Ω
Frequency	99.99 Hz - 99.99 kHz	0.01%	0.01 Hz
Temperature	-40°F to 1839°F	0.3%	1°
	(-40°C to 999°C)	0.3%	1°
Dwell Angle	0 - 120	2°	1°
Duty Cycle	0.0% - 99.9%	.02%/kHz	0.1%
RPM	60 - 7000 RPM	0.2%	1 RPM

### Safety

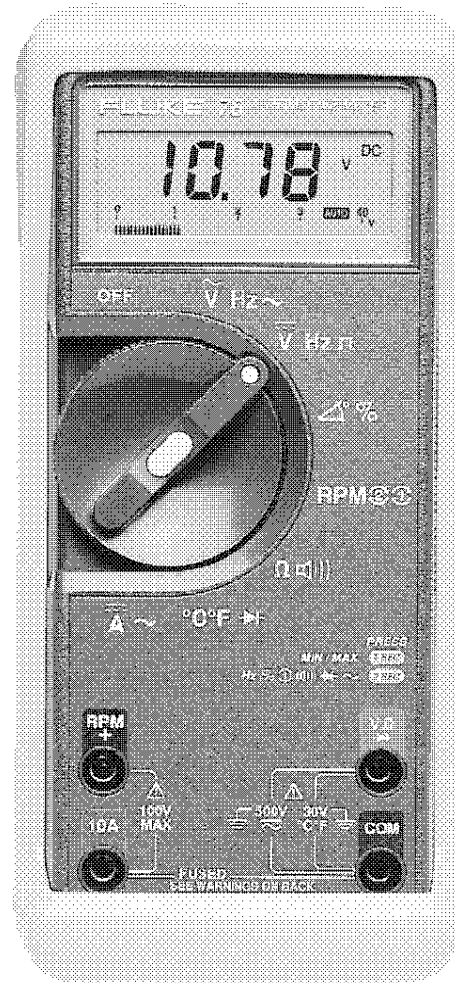
Designed to protection Class II per IEC 1010 overvoltage category II, CSA C22.2 No. 231, ANSI/ISA-S82, IEC 348 and UL 1244. Shock and vibration per MIL-T-28800 for a Class 2 instrument.

### Fuse information

Uses a 15A (892583, 871223 or 847793) replaceable internal fuse

### Warranty

Lifetime (Meter); 1 year (Accessories)



## Included with Your Fluke 78 Analog Digital Multimeter

- Fluke 78 Automotive Meter
- C70Y Holster with Flex-Stand™
- 9V Battery (installed)
- TL75 Test Leads
- AC70 Alligator Clips
- 80PK-1 Bead Thermocouple Probe
- 80AP Thermocouple Adapter

**The Fluke 78 gives you the automotive features you need, at the price you want.**