



EEDM596FK Advanced Digital Multimeter

Advanced Digital Multimeter With Free App

View results on meter's display or use remote Apple® or Android™ device

Features and Benefits

- Use in the following (6) quick steps: get the app, select unit of measure, connect leads to circuit, sync to remote device, take readings then diagnose, store and share results
- Horizontal orientation is comfortable for button and dial operation
- 115% larger color display for excellent viewing
- BLUETOOTH® remote display allows for one-tech testing, such as brake lights
- Store customer info and test results, then share via email, text or social media
- CATIII 1,000 V / CATIV 600 V hybrid safety rated
- Built-in tilt stand and optional strap hanger (EEDMMAGSTRAP)
- LCD Display – 40,000 count with 42-segment bar graph
- Convenient test lead storage wrap with retention strap



CE - DE, ES, FR, IT, GB, NL & JP

Country of Origin: SOUTH KOREA



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Features and Benefits Continued

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REC (Record Mode) – store minimum, maximum and average readings over a measurement period

REL (Relative Mode) – factor out lead resistance for improved low ohm measurements or compare readings to a known standard—can also be used for differential measurements

AC/DC – manually select AC or DC measurement function

CYL (Cylinder) – selects the number of cylinders in IG mode

HOLD – lock the reading on the display for hard to read locations or future reference

PEAK-H (Peak Hold) – capture signals spikes as fast as one millisecond to diagnose intermittent events

FUNCTION – toggle between functions on Ohm, TEMP and IG modes

RANGE – Convert from Auto Ranging to Manual as needed



Built-in Tilt Stand – tilt stand is built into the instrument housing, adding strength and integrity to the design

Technical Support

888-382-6522

Hz (Frequency) – measure the frequency of sensors and signals

Ω (Ohms, Resistance) – measure the resistance of spark plug wires, coils, sensors, and continuity of wiring

AC mV and DC mV Ranges – additional 40 millivolt DC range with 0.01 mV resolution for improved accuracy when performing low voltage measurements

DC V, AC V (DC Volts, AC Volts) – measure the voltage of circuits, sensors and ABS wheel sensors

AC/DC Current Functions – measure the parasitic draw from the battery

TEMP (Temperature) – measure temperature with included temperature probe

IP, IG (Automotive Functions) – measure RPM, Duty, Dwell, mS pulse width, Frequency

Quickly Test Condition of Internal Fuses – determine the status of the internal fuses before you open the battery/fuse compartment





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Applications

Perform advanced multimeter and automotive functions such as electrical circuit and component testing for all vehicles using the following:

AC/DC Current

Auto Ranging

Hz Frequency

Ohms

REL Relative Mode

Temp

AC/DC mV

Capacitance

IP, IG

Peak Hold

RPM, Duty, Dwell, Pulse

True RMS

AC/DC Volts

CYL Cylinder

Noise Reduction

REC Record Mode

STR 2 and 4 Stroke



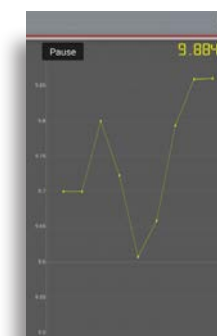
1. Get free app
2. Select unit of measure
3. Connect leads to circuit
4. Sync to remote device
5. Take readings and diagnose
6. Store and share results



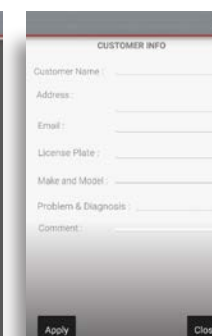
Sync tool to device



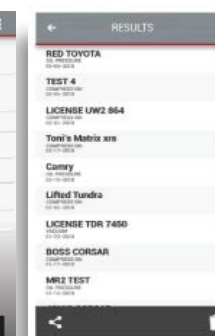
Capture readings



Graph readings (Min/Max)



Store results with customer information



Store and retrieve multiple results

Related Item

EEDM596FKCRT Multimeter with Certificate of Calibration





EEDM596FK

Included Components

EEDMFUSE-8	11 AMP/1000V (1)
EEDMFUSE-7	44/100 AMP/1000V (1)
EEDMLEADSET	61IN Test Lead Set With Clips
EEDM512B1	Inductive Pickup
EEDMTEMP-2	Beaded Temp Probe
EEDMTEMP-3	Temp Adaptor
EEDM596F-USB	User Manual USB 7 Languages
EEDM596F-Z	Printed User Manual English
EEDM5F-CC	Carry Case



Optional Accessories

EETA501C	Amp Clamp Med
EETA502C	Amp Clamp High
EETA503C	Amp Clamp Low
EEDM5030	Pressure Adaptor
EEDMMAGSTRAP	Magnetic Hanger
MTTL800	Modular Lead Set



EETA502C



EEDMMAGSTRAP



EEDM5030



EETA503C





Specifications

AC Amps	10
AC Volts	750
Adjustable Trigger Level	Yes
Analog Bar Graph	Yes
Auto Range	Yes
Auto Shut-Off	Yes
Backlight	Yes
Basic DC Accuracy, percentage	0.1
Blown Fuse Identifier	Yes
Capacitance	Yes
Case or Zipper Pouch (Included)	EEDM5F-CC
CAT Rating	CATIII 750 V AC, CATIII 1,000 V DC, CATIV 600 V AC/DC
Display Type	Color Screen
Comp. Output (Bluetooth)	Yes
Data Hold	Yes
DC Amps	10
DC Volts	1,000
Display Count	40,000
Duty/Dwell	Yes
Easy Open Battery and Fuse Door	Yes
Frequency	Yes
Glitch Capture	Yes
Insulation Test	No
Low Pass Filter (LPF)	Yes
Micro Amps	Yes
Min/Max	Yes
mS Pulse Width	Yes
Noise Reduction Circuit	Yes
Resistance, ohms	40M
RPM	Yes
True RMS (Root Mean Square)	Yes
Certificate of Calibration Model	EEDM596FKCRT+
Temperature, (Included)	EEDMTEMP-2, EEDMTEMP-3
UL® Listed	cULus 61010-1
Replacement Fuses	EEDMFUSE-7 and EEDMFUSE-8
Dimensions, inches	7.7 x 4.7 x 1.6
Battery Type	9Volt Lithium (Not sold through Snap-on, purchase locally)

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Replacement Parts

EEDMFUSE-8	11 AMP/1000V (1)
EEDMFUSE-7	44/100 AMP/1000V (1)
EEDM5F-DOOR	Battery Compartment Cover
EEDM5F-STAND	Tilt Stand Horizontal
EEDMLEADSET	61" Test Lead Set With Clips
EEDM512B1	Inductive Pickup
EEDMTEMP-2	Beaded Temp Probe
EEDMTEMP-3	Temp Adapter
EEDM596F-USB	User Manual USB 7 Languages
EEDM5F-CC	Carrying Case w/Caddy
EEDM596F-Z	Printed User Manual-English

WARNING



• Use of diagnostic equipment on a rotating engine poses a risk of flying particles and entanglement
Wear safety goggles (User and Bystander)



Use caution in routing cables
Flying particles can cause injury
Poorly routed cables and test leads can cause entanglement and injury



• Use of diagnostic equipment can cause electrical shock, fire, and explosion



Use caution and proper procedures when connecting and disconnecting leads
Diagnostic equipment must be located 18" or more above floor level



Avoid sparks and other sources of ignition
Electrical shock, flames and explosion can cause injury



• Improper use can cause hazardous conditions
Read and follow all safety precautions accompanying the product
Unexpected electrical, thermal, or mechanical occurrences can cause injury
Read additional safety warnings on pages W1 to W4 in Catalog 1400

