FP-2 TRUE RMS DIGITAL MULTIMETER



TRUE RMS

AUTO-RANGE

FOR STUDENTS AND ELECTRICIANS

Digital multimeter **FP-2** from PROMAX is a measuring instrument designed to go hand in hand with the vocational training students, both during their **learning** and their later **everyday working life**.

In the **training centers** it is a suitable instrument for measuring low-voltage installations and electronic components (diodes, resistors and capacitors) assisted by alligator clips. It also has a microprocessor-controlled autoranging function that avoids the typical faults that a student may cause by any mistake while manually selecting the proper measurement scale.

It is also perfect for **field work** because it integrates a rubber anti-shock protector, non-contact AC detector, true RMS measurement and a temperature probe to evaluate the possible overheating of the elements of an installation.

And for those professionals working in poorly lit environments the **FP-2** includes a **flashlight** and an extra-large **backlit LCD display**.

FOR TRAINING CENTERS

Auto-range function, electronic components measuring and folding holder to use it as a desktop multimeter.

FOR ELECTRICIANS

Perfect for low-voltage installations maintenance. Measurement of up to 700 VAC, 1000 VDC and 20 A.

PROFESSIONAL MEASUREMENTS

It ensures the proper calibration of the energy in AC installations thanks to its measurements with TRUE RMS.

INTEGRATED FLASHLIGHT

With its backlit LCD, it allows you to use the multimeter in poorly lit work environments.

ANTI-SHOCK PROTECTOR

It extends the lifespan of the multimeter and it maximizes the investment. Ideal for field work, outside the lab.

- ✓ **Voltage measurement: From 600 mV to 750 V (AC), and from 60 mV to 1000 V (DC) TRMS**
- ✓ **Current measurement: From 600 µA to 20 A (AC / DC)**
- ✓ **Frequency measurement: From 10 Hz to 10 MHz**
- ✓ **Temperature measurement: From -50 ºC to 400 ºC**
- ✓ **Electronic components measurement: (Resistance, Capacity, Diodes, Continuity)**
- ✓ **Includes a contactless voltage detector and data hold function**
- ✓ **Folding holder for lab work and anti-shock protector for field work**

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SPECIFICATIONS	FP-2 TRUE RMS DIGITAL MULTIMETER
Display	Graphic LCD backlighted screen, 58.5 x 51 mm
Reading rate	3 measurements / s
Voltage measurement **DC** **AC**	 60 mV, 600 mV, 6 V, 60 V, 600 V, 1000 V 600 mV, 6 V, 60 V, 600 V, 750 V
Current measurement **DC** **AC**	 600 µA, 6000 µA, 60 mA, 600 mA, 20 A 600 µA, 6000 µA, 60 mA, 600 mA, 20 A
Resistance	600 Ω, 6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ, 60 MΩ
Capacity	60 nF, 600 nF, 6 µF, 60 µF, 600 µF, 6 mF, 60 mF
Frequency test	9.999 Hz, 99.99 Hz, 999.9 Hz, 9.999 kHz, 99.99 kHz, 99.9 kHz, 9.999 MHz
Duty Cycle	From 0.1% a 99.9%
Temperature probe	From -50 ºC to 400 ºC (-58 ºF to 752 ºF)
Contactless voltage detector	From 90 to 1000 V AC (50/60 Hz)
Frequency response	From 40 to 1000 Hz
True RMS	Yes
Diodes	Yes
Continuity	Yes
Relative measurement	Yes
Range	Manual or automatic (autorange)
Protected input	Yes
Impedance input	≥10 MΩ
Other functions and features	Data hold, work LED flashlight, anti-shock protector, foldable holder
Power supply	9 V (6F22) battery with low battery alert and auto power off function
Polarity indication	The symbol “-” appears in the display for negative polarity
Dimensions	90 (W) x 190 (H) x 56 (D) mm
Weight	320 g. (without battery)
Included accessories	Test probes, temperature probe, quick reference guide, 6F22 9V battery, Phillips screwdriver

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 04/19

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