

## 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  $\mu$ A to 20 A (AC / DC)**
- ✓ **Frequency measurement: From 10 Hz to 10 MHz**
- ✓ **Temperature measurement: From -50  $^{\circ}$ C to 400  $^{\circ}$ C**
- ✓ **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**
- ✓ **Optional case**

## FP-2 TRUE RMS DIGITAL MULTIMETER

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	60 mV, 600 mV, 6 V, 60 V, 600 V, 1000 V
AC	600 mV, 6 V, 60 V, 600 V, 750 V
Current measurement	
DC	600 $\mu$ A, 6000 $\mu$ A, 60 mA, 600 mA, 20 A
AC	600 $\mu$ A, 6000 $\mu$ A, 60 mA, 600 mA, 20 A
Resistance	600 $\Omega$ , 6 k $\Omega$ , 60 k $\Omega$ , 600 k $\Omega$ , 6 M $\Omega$ , 60 M $\Omega$
Capacity	60 nF, 600 nF, 6 $\mu$ F, 60 $\mu$ F, 600 $\mu$ F, 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 $^{\circ}$ C to 400 $^{\circ}$ C (-58 $^{\circ}$ F to 752 $^{\circ}$ F)
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	$\geq 10$ M $\Omega$
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
Optional accessories	Case DC-231

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 10/20