

PD-35X SERIES

DIGITAL MULTIMETERS WITH BLUETOOTH, DATALOGGER AND TEMPERATURE

The new range of digital multimeters offers a new way to perform measures, much more accurate and comfortable with additional features like measures through a mobile application. With this app the user can control any data remotely in real time using a mobile phone or other mobile device with Android OS.

- ✓ 3 functions in 1: Multimeter + Temperature + Datalogger
- ✓ Multi-connection (two multimeters) supported via mobile app
- ✓ Automatic voice-reading measures
- ✓ True RMS (PD-350 and PD-352)
- ✓ Larger display, easier data-reading; analog bar graph is displayed synchronously
- ✓ Smart power-off function, extending battery life

CAT III 1000 V

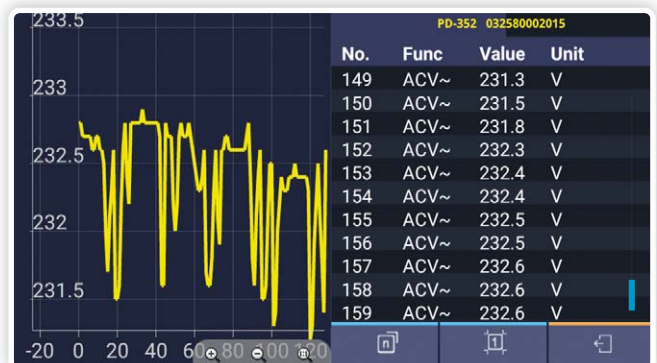
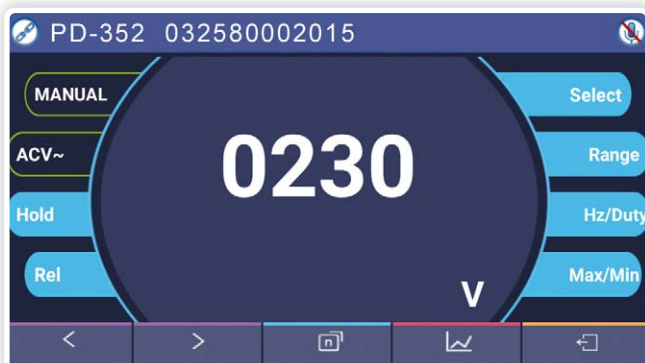


Temperature measure screen is shown through the Android app



Highly recommended for:

- ✓ Electrical Maintenance, Electronic and Automotive
- ✓ Universities and Vocational Schools
- ✓ Electronics and Telecommunications Laboratories
- ✓ Electricians and General Industry Applications



Single measure screen and data screen in graphic mode and table through the Android app

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Requirements



Android
v4.4 ~ v13.0



Bluetooth
v4.0 min.

Specifications	PD-350 / PD-351 / PD-352		
Function	Measurement Range	Resolution	Accuracy
Voltage DC	60 mV / 600 mV	0.01 mV	$\pm(0.5\% + 2 \text{ dig})$
	60 mV / 600 mV / 6 V / 60 V	0.1 mV	
	600 V / 1000 V	0.1 V	
Voltage AC	60 mV / 600 mV	0.01 mV	$\pm(0.8\% + 2 \text{ dig})$
	60 mV / 600 mV / 6 V / 60 V	1 mV	$\pm(0.8\% + 2 \text{ dig})$
	600 V / 750 V	0.1 V	$\pm(1\% + 3 \text{ dig})$
Current DC	600 μ A	0.1 μ A	$\pm(0.8\% + 2 \text{ dig})$
	600 μ A / 6 mA / 60 mA / 600 mA / 6 A	0.01 mA	$\pm(0.8\% + 2 \text{ dig})$
	20 A	1 mA	$\pm(1.2\% + 3 \text{ dig})$
Current AC	600 μ A	0.1 μ A	$\pm(1\% + 3 \text{ dig})$
	6 mA / 60 mA / 600 mA / 6 A	0.01 mA	$\pm(0.8\% + 2 \text{ dig})$
	20 A	1 mA	$\pm(2\% + 3 \text{ dig})$
Resistance	600 Ω / 6 k Ω / 60 k Ω / 600 k Ω / 6 M Ω / 10 M Ω	0.1 Ω	$\pm(0.8\% + 2 \text{ dig})$
	60 M Ω	0.01 M Ω	$\pm(2\% + 3 \text{ dig})$
Capacitance	40 nF	0.01 nF	$\pm(2.5\% + 3 \text{ dig})$
	400 nF / 4 μ F / 40 μ F	0.1 nF	$\pm(2.5\% + 3 \text{ dig})$
	400 μ F / 4000 μ F	0.1 μ F	$\pm(3\% + 5 \text{ dig})$
Frequency	9.999 Hz / 99.99 Hz / 999.9 Hz / 9.999 kHz / 99.99 kHz / 999.9 kHz / 9.999 MHz	1 MHz	$\pm(0.8\% + 2 \text{ dig})$
Duty cycle	0.1% - 99.9% (Típico: Vrms=1 V, f=1 kHz)	0.1%	$\pm(1.2\% + 3 \text{ dig})$
	0.1% - 99.9% (≥ 1 kHz)		$\pm(2.5\% + 3 \text{ dig})$
Temperature	-50 °C to 400 °C	1 °C	$\pm(2.5\% + 3 \text{ dig})$

General		Note: The PD-350 does not have Bluetooth function as well as the associated mobile applications such the data logger.	
Frequency response (Hz)		MAX / MIN Value	✓
Model PD-351	(40 - 400) Hz	LCD Backlight	✓
Model PD-350 and PD-352	(40 - 10k) Hz	Analog bar graph	61 Segments
Sample rate for digital data	3 samples / s	Input Protection	✓
Sample rate for analog bar graph	30 samples / s	Input impedance	10 M Ω
Bluetooth	PD-351 and PD-352	Battery	3 V (1.5 V $\times$ 2) AA alkaline batteries
Auto ranging	✓	LCD screen	69 mm x 52 mm
True RMS	PD-350 and PD-352	Dimensions	85 (W.) x 185 (H.) x 30 (D.) mm
CAT III 1000 V	✓	Weight (without package)	0.32 kg
Diodes Test	✓	Working temperature	0 °C to 40 °C
Measuring Transistor h _{FE}	✓	Storage temperature	-10 °C to 60 °C
Sleep Mode	✓	Relative Humidity	$\leq 80\%$
Continuity Test	✓	Accessories	Test lead Alligator clip K-type thermocouple Multi-functional test socket Soft bag Quick reference guide
Low battery indication	✓		
Data Hold	✓		
Relative Measurement	✓		

Bluetooth features (datalogger and voice measurements) for PD-315 and PD-352 require an Android device. Compatible versions: 4.4 to 13.0.