



# Digital Multi Meter

## Provides Safety Levels Demanded in Field Work



### TY500 Series Digital Multimeters

3.5 digits (6,000-count, 31-segment bar graph display), RMS type  
 Measurement Functions: Voltage, Current, Resistance, Continuity Check, Diode Test, Frequency, Capacitance, Temperature  
 Features: Closed case calibration, Hi-impact overmold case, USB communication (optional adapter & software) (TY530 only), data memory (1,600 data for TY530 only)  
 Safety Standards: 1000 V CAT. III, 600 V CAT. IV

### TY500 Series Specifications

Accuracy: (23°C ±5°C, Less than 80% RH), ±(% rdg + dgt)

Detection		TY520	TY530	
Item	Range	RMS	Switching detection (RMS or MEAN)	
		Accuracy		
DCV	600mV/6V/ 60V/600V		0.09 + 2	
	1000V		0.15 + 2	
ACV	600mV/6V/60V/600V 1000V	50/60Hz	40 to 500Hz	500Hz to 1kHz
		0.5 + 5	1 + 5	1.5 + 5
DCA	600µA/6000µA/60mA		0.2 + 2	
	600mA/6A/10A		0.5 + 5	
ACA	600µA/6000µA/60mA/ 600mA/6A/10A	50/60Hz	40Hz to 1kHz	
		0.75 + 5	1.5 + 5	
Resistance	600Ω/6kΩ/60kΩ/600kΩ		0.4 + 1	
	6MΩ		0.5 + 1	
	60MΩ		1 + 2 (0 to 40MΩ) 2 + 2 (40 to 60MΩ)	
Frequency	10.0Hz to 99.99kHz		0.02 + 1	
Capacitance	10nF		2 + 10	
	100nF/1µF/10µF		2 + 5	
	100µF/1000µF		3 + 5	
Continuity check	600Ω		Buzzer sounds at 50±30Ω or less	
Diode test	2V		1 + 2	
Temperature	-50 to 600°C		2 + 2°C	

### General Specifications

- External dimensions:  
90 (W) × 192 (H) × 49 (D) mm
- Weight: Approx. 570 g
- Power Supply: Four AA (R6) dry cells

## Low-cost Handheld DMM

### 732 Series Specifications

Accuracy: (23°C ±5°C, Less than 80% RH), ±(% rdg + dgt)

Model		73201	73202	73203	73204
Detection		Mean value			
Item	Range	Accuracy			
DCV	400.0 mV/4.000 V/ 40.00 V/400.0 V/600 V	0.5%+1 0.75%+1	0.5%+1	0.3%+1	0.5%+1
	ACV	4.000 V/40.00 V/ 400.0 V/600 V	1.0%+5		0.75%+5
DCA	400.0 µA/4000 µA/ 40.00 mA/400.0 mA/ 10.00 A		1.0%+2 2.0%+2		-
	ACA (40 to 500 Hz)	400.0 µA/4000 µA/ 40.00 mA/400.0 mA/ 10.00 A		2.0%+20 2.0%+5 2.0%+20 2.0%+5 2.0%+20	-
Resistance	400.0 Ω/4.000 kΩ/ 40.00 kΩ/400.0 kΩ/ 4.000 MΩ/40.00 MΩ			0.75%+2 0.75%+1 2.0%+1 5.0%+2	

### General Specifications

- External dimensions:  
74 (W) × 155 (H) × 31 (D) mm
- Weight: Approx. 240 g
- Power Supply:  
Two AAA (LR03 or R03) dry cells

## Pocket DMM with Superb Portability

### 73101 Specifications

Accuracy: (23°C ±5°C, Less than 80% RH), ±(% rdg + dgt)

Item	Range	Accuracy	Input Resistance
DCV	400.0 mV	1.2%+2	>100 MΩ
	4.000 V	0.7%+1	11 MΩ
	40.00/400.0/600 V	1.2%+1	10 MΩ
ACV	4.000 V	2.0%+5	10 MΩ
	40.00/400.0/600 V		
Resistance	400.0 Ω	1.2%+2	
	4.000 k/40.00 k/400.0 kΩ	2.0%+3	
	4.000 MΩ	5.0%+3	
	40.00 MΩ		
Continuity check	400.0 Ω		
Diode test	2.00 V	1.5%+1	Open-circuit Voltage<3.4 V Testing Current<1.0 mA

### General Specifications

- External dimensions:  
76 (W) × 117 (H) × 18 (D) mm
- Weight: Approx. 110 g
- Power Supply: Two LR-44 dry cells

Oscilloscopes

Digital Power Analyzers

Generators, Sources, Meters etc.

Optical Measuring Instruments

Calibrator

Data Logger

Clamp-on Power Meter

Digital Multimeter

Clamp-on Tester

Insulation Tester

Earth Tester, Other Products

Thermometer

Precision Measuring Instruments

Meters Products

### 73101

#### Pocket Digital Multimeter

4300 count display  
 Continuity Check and Diode Test  
 Auto Hold  
 Auto Power Off

