



Model 6410 DM

Digital Multimeter



Specifications

DC Voltage (Input impedance : 10MΩ)

Ranges	Resolution	Accuracy	Input protection
300.0mV	100μV	±(0.5%rdg+3dgt)	1000V DC
3.000V	1mV		
30.00V	10mV		
300.0V	100mV		
1000V	1V		

AC Voltage (Input impedance : 10MΩ)

Ranges	Resolution	Accuracy	Input protection
300.0mV	100μV	±(1%rdg+5dgt)	800V DC
3.000V	1mV		
30.00V	10mV		
300.0V	100mV		
750V	1V		

DC & AC Current

Ranges	Resolution	Accuracy	Input protection
300.0μA	0.1μA	±(1%rdg+5dgt)	500mA
3000μA	1μA		
30.00mA	0.01mA		
300.0mA	0.1mA		
10A	10mA	±(2%rdg+3dgt)	12.5A

Overload Protection 0.5A/600V fast blow fuse for 400mA
12.5A/660V fast blow fuse for 10A

Resistance (Overload Protection 600V DC)

Ranges	Resolution	Accuracy	Max test current	Max open circuit voltage
300Ω	0.1Ω	±(1.5%rdg+3dgt)	0.51mA	0.39V
3kΩ	1Ω			
30kΩ	10Ω			
300kΩ	100Ω			
3MΩ	1kΩ			
30MΩ	10kΩ	±(2%rdg+4dgt)	0.51mA	0.39V

Features

- 3000 counts with a maximum display of 2999.
- Angled display design helps the user to identify the reading of value easier.
- Auto scanning function for AC/DC voltage, and current.
- Auto ranging.
- Range change function.
- Continuity check.
- Diode & Capacitance measurement.
- Data hold function.
- Low battery indication.
- Over range indication.
- Fuse protection.
- Special hook design used to hang the meter for ease of use.

Capacitance

Ranges	Resolution	Accuracy
3000pF	1pF	±(3%rdg+10dgt)
30nF	10nF	
300nF	100nF	
3μF	1nF	
30μF	10nF	
300μF	100nF	
3mF	1μF	
30mF	10μF	

Frequency

Ranges	Resolution	Accuracy
3.000kHz	1Hz	±(1.0%rdg+2dgt)
30.00kHz	10Hz	
100.0kHz	100Hz	

Continuity

Ranges	Resolution	Accuracy	Input protection
300.0Ω	0.1Ω	< 30Ω	0.51mA

General

Low battery indication	"BATT"
Operating temperature	0°C ~ 40°C, 80% Max.
Storage temperature	-10°C ~ 50°C, 80% Max.
Dimensions	192(L) × 88.5(W) × 45(D)mm
Weight (battery included)	Approx. 345g
Power source	1.5V (AAA) × 2
Safety standard	EN 61010-1 CAT III 600V EN 61326-1

Hoyt Electrical Instrument Works, Inc.

23 Meter Street
Penacook, NH 03303

Phone: (800) 258-3652

Fax: (603) 753-9592

Email: sales@hoytmeter.com

www.hoytmeter.com