

Full Function Handy DMMs for Lab and Field Services!

Full $\mu\text{A}/\text{mA}/10\text{A}$ Ranges, Audible + Visible BeepLit™ Continuity, AutoV + Ghost Voltage Buster, VFD V & Hz Fundamentals, Hi & Lo EF-Detection, Records Min/Max/Average, Relative Zero, BeepJack™ Warning!



BM230 Series
Practical Multimeter



BRIGHT PEOPLE'S CHOICE
<http://www.brymen.com>



● **BM235**



● **BM233**



● **BM231**

235	233	231	FUNCTIONS & FEATURES
●	●	●	3-5/6 Digits 6,000 Counts Large Easy To Read LCD Display
●	●	●	Fast Measurements, 5/Sec; Fully Auto-Ranging
●	●	●	Intelligent Auto Power Off
●	●	●	True RMS AC Conversion
●	●	●	Data Hold
●	●	●	Records Max/Min Readings & Calculates Avg Readings Over Time
●	●	●	VFD V & Hz Fundamental Readings Of Most Variable-Frequency-Drives
●	●	●	Paper white Back-Lighted LCD Display
●	●	●	BeepLit™ Continuity. Features Audible Beep & Visible Backlight Effects
●	●	●	Relative Zero Mode
●	●	●	Non-Contact EF-Detection (NCV) With Hi/Lo Selectable Sensitivities
●	●	●	Probe-Contact EF-Detection For More Precise Indication Of Live
●			AutoV LoZ Feature. Automatic DC & AC 1000V Selection With Low Initial Impedance To Drain Ghost Voltages
●	●	●	DC/AC V Ranges 600.0mV To 1000V
●	●	●	Ohms Ranges 600.0Ω To 60.00MΩ
●	●		Cx Ranges 20.00nF to 10.00mF For Start & Run Motor Capacitors
●	●		Line Level Frequency Ranges 99.99Hz To 50.00kHz
●	●	●	DC/AC μA, mA & A Ranges 600.0μA To 10.00A (20A for 30s / 5 mins cool down)
●			Type-K Temperature Readings -40°C To 400°C or -40°F To 752°F
●	●	●	Beep-Jack™ Input Warning Against Improper μAmA/A-Terminals Plug In
●	●	●	Diode Tester
●	●	●	Rugged Fire Retarded Housing
●	●	●	Replaceable Protective Holster With Probe-Holders & Tilt-Stand
●	●	●	Optional Purchase Magnetic Hanger
●	●	●	Batteries And Fuses Access Door
●	●	●	Transient Protection Up To 6kV 1.2/50μs Lightning Surge
●	●	●	LVD: EN61010-1/-2-030/-2-033 CAT-II 1kV, CAT-III 600V & CAT-IV 300V
●	●	●	EMC: EN61326-1:2013

Compact Yet Optimized For Your Daily Service!

Full $\mu\text{A}/10\text{A}$ Ranges, BeepLit™ Continuity, Hi/Lo EF-Detection, LoZ AutoV, VFD V/Hz, °C/°F, Min/Max/Avg, BeepJack™ Warning

White Display Backlight
For Easy Viewing In The Dark

Auto & Manual-ranging
Auto-ranging With Manual-ranging Override

True RMS Measurements
For Non-sinusoidal Waveforms Of AC Voltages & AC Currents

Large 6000 Counts LCD Display
5/sec Fast Nominal Update Rate

Function Selection
Toggle Conveniently Between Primary & Secondary Functions

Max Min Avg Record
Record Max/Min And Calculates Average Readings Over Time

Hz Of Line Level Voltage
Measures Noisy High Voltage ACV Frequencies

Relative Zero Mode
For Convenient Readings Comparison & Offset

VFD V & Hz Feature
Measures Fundamental Voltage & Frequency Of Most Variable-Frequency-Drives

Data Hold
Freezes The Displaying Reading For Later View

High Impedance Voltage
1000VAC/DC Measuring Capabilities; High Input Impedance For Load Sensitive Circuits

Hi/Lo Senses EF-Detection
Both Non-contact (NCV) & Single-probe Voltage Detection For Identifying Live Lines

AutoV LoZ Feature
Automatic Selection Of LoZ DCV And LoZ ACV

Full μA , mA & A Ranges
6 Full Current Ranges With 1000V HBC Fuses Protected

Ghost-voltage-buster
AutoV LoZ Drains Ghost/ Stray Voltages Leaving Only Hard Signals On Meter Readings

BeepLit™ Continuity
Quick Open-short Tests. Beep and Backlight Effects For Noisy Environments

Beep-jack™ Audible Warning
Beeps Against Improper A-terminal Plug In. Decreases Risks Of Damage

Type-k Temperature
Selectable °C & °F Readings

Protective Holster
With Holders For Probe Storage And "third Hand" Feature, Replaceable & Washable

Intelligent Auto-power-off
To Extend Battery Life

EMC
Meets EN61326-1:2013

LVD Safety
Meets EN61010-1/-2-030/-2-033
CAT II 1kV & CAT III 600V

Transient Protection
Up To 6kV 1.2/50 μs Lightning Surge; Superb Protection For Serious Users

