

Multitalented and Compact; Loaded with Nice Up-to-date Features!

AutoHold Real-Read™, BeepPass™ Diode, BeepLit™ Continuity, BeepJack™ InEr, LoZ AutoV, Hi/Lo EF, VFD, REC MaxMinAvg, CREST MaxMin, REL, HOLD, i-APO, PC-Comm!

BM2250 Series

Versatile
Professional
Multimeters



www.brymen.eu



Bright People's Choice



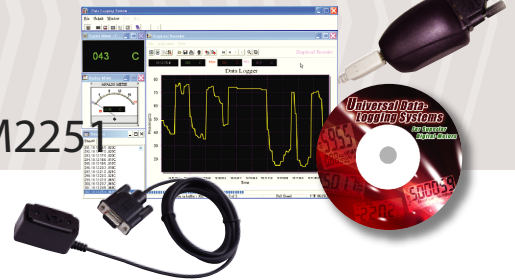


BM2257



BM2251

BRUA-20X Interface Kit (Optional Purchase)



2257	2251	FUNCTIONS & FEATURES
•		AutoV Automatic Selection of ACV or DCV
•		LoZ Ghost-voltage-buster AutoV to Drain Ghost Voltages for Hard Signals
•		Capacitance; 7 Ranges @ 20.00nF to 10.00mF
•		Type-K Temperature from -40.0°C to 1000°C or -40.0°F to 1832°F; °C/°F Selectable
•	•	3-5/6 Digits 6,000 Counts Large LCD Display
•	•	5/Sec Nominal Data Update; Fast Auto-Ranging & Measurements
•	•	60 Segment High-Resolution Analog Bar-graph Updates 40/Sec
•	•	Amber LED Warm Backlight LCD Display
•	•	AutoHold with Real-Read™ to Avoid "Blind" Measurements
•	•	Relative Zero for Readings Comparison & Offset
•	•	CREST Max/Min >5ms Peaks; Automatic iAPO Disable
•	•	REC Max/Min/Avg; Auto-ranging; Automatic iAPO Disable
•	•	Display HOLD Freezes the Displaying Reading for Later Viewing
•	•	AC True RMS on Voltage and Current Functions
•	•	DCV Best Accuracy 0.2% + 3d; 3 Ranges @ 6.000V to 600V
•	•	ACV; 3 Ranges @ 6.000V to 600V
•	•	VFD_ACV with LPF; Range @ 600.0V
•	•	High-Resolution AC/DC mV; 2 Ranges @ 60.00mV to 600.0mV
•	•	AC/DC mA, mA, & A; 6 Ranges 600.0µA to 10.00A
•	•	Resistance; 6 Ranges @ 600.0Ω To 60.00MΩ
•	•	AC Line-level Hz via Test leads; 10Hz to 50kHz
•	•	Logic Level Hz from 10.00Hz to 200.0kHz
•	•	Fast BeepLit™ Continuity with Beep + Backlight Effects; Response Time <15ms
•	•	Diode with BeepLit™ (Continuity) & BeepPass™ (Short Beep) Features
•	•	EF-Detection for Identifying Live Lines; Selectable Hi/Lo Sensitivities
•	•	BeepJack™ Guards Against Improper Amp Terminals Plug-in
•	•	Auto Power Off (iAPO) Stays ON While in Measurements
•	•	PC-Comm Interface Capability; Optional Purchase USB Cable & PC Software Set
•	•	600V General Input Protection on All Functions and Ranges
•	•	High Breaking Capacity HBC Fuses Protected on µmA & A Terminals
•	•	Transient Protection to 6kV 1.2/50µs + 8/20µs Combo Surges
•	•	Fire-retarded Housing with Battery Access Door
•	•	Protective Holster with Probe-Holders & Tilt-Stand; Washable & Replaceable
•	•	Rugged & Durable; Robust Enclosure and Premium Plated Low Leakage PCB
•	•	EMC Certified; Superior Immunity to Interferences
•	•	LVD with cULus Listed to CAT III 600V; UL, CSA, CE, and UKCA Compliance

Powerful and Handy; High-Performance Full Functions for Daily Use!

Speedy Hi-res Bar-graph, VFD-V/Hz, Logic/Line Hz, Wide-range Cx, °C/°F, Speeded MΩ, Hi-res 60.00mV, AC True-RMS, CAT III 600V cUL_{US} Listed

3-5/6 Digits LCD Display

6,000 Counts Nominal;
19mm Height Large Digit

Relative Zero Mode

Convenient Readings
Comparison & Offset

Capacitance

Measures Small to Large Motor Capacitors;
7 Ranges @ 20.00nF to 10.00mF

Fast Measurements

5/Sec Nominal Data Update;
Fast Auto-Ranging & Measurements

DCV Best Accuracy 0.2% + 3d

Measures DCV; 3 Ranges @ 6.000V to 600V

Fast Analog Bar-graph

60 Segment High-Resolution
Analog Bar-graph Updates 40/Sec

PC-Comm Interface Capability

Optional Purchase USB
Cable & PC Software Set

Warm Amber Backlight

Amber LED Warm
Backlight LCD Display

REC Max/Min/Avg Auto-ranging

Records Max, Min, and Calculates
Average Readings Over Time;
Auto-ranging; Automatic iAPO Disable

VFD_ACV with LPF

For Noisy Electrical and
VFD Signals; Range @ 600.0V

AutoV

Automatic Selection of ACV or
DCV Whichever Higher in Magnitude

LoZ Ghost-voltage-buster AutoV

Low Ramp-up Input Impedance to
Drain Ghost Voltages Leaving Meter
Readings on Hard Signals

BeepJack™ Input Warning

Guards Against Improper Amp Terminals
Plug-in for Voltage Measurements

Detachable Protective Holster

Features Probe-Holders & Tilt-Stand;
Washable & Replaceable

Auto Power Off (iAPO)

Stays ON While in Measurements;
Intelligently Turns OFF to Extend Battery Life;
Power-up Disable option

HBC Fuses Protected

High Breaking Capacity Fuses
Protected on μA mA & A Terminals

EF-Detection with Hi/Lo Sensitivities

Features Non-Contact (NCV) &
Single-Pole Contact Voltage Detections;
Selectable Hi/Lo Sensitivities

ACV

Measures ACV;
3 Ranges @ 6.000V to 600V



EMC Certified

Superior Immunity to Interferences;
Reliable Operations and Readings;
EN61326-1 Certified

AC True RMS

Ideal for Non-sinusoidal & Complex Waveforms
on Voltage and Current Functions

AC Line-level Hz

Measures Noisy High Voltage Frequency
via Test leads; 10Hz to 50kHz

Logic Level Hz

Measures Digital Logic Level Frequencies
from 10.00Hz to 200.0kHz

High-Resolution AC/DC mV

2 Ranges @ 60.00mV to 600.0mV

Type-K Temperature

Measures from -40.0°C to 1000°C or -40.0°F
to 1832°F; °C/°F Selectable

AutoHold with Real-Read™

Shows Real-time Readings and Automatically
Latches the Last Stable Reading for Later Viewing

Display HOLD

Freezes the Displaying
Reading for Later Viewing

CREST Max/Min >5ms Peaks

Fast Captures +/- Peak Extremes at
Durations > 5ms; Automatic iAPO Disable

Rugged & Durable

Robust Enclosure, Premium Plated Low
Leakage PCB, and Reliable Rotary Switch

AC/DC μA, mA, & A

6 Ranges @ 600.0μA to 10.00A

Fast BeepLit™ Continuity

Fast Captures +/- Peak Extremes at
Durations > 5ms; Automatic iAPO Disable

600V General Input Protection

Superb Protection for Misinput on All
Functions and Ranges

Transient Protection to 6kV

1.2/50μs + 8/20μs Combo Surges;
Fully Certified by Independent Test Lab;
Years of Credibility for Serious Users

Resistance

6 Ranges @ 600.0Ω To 60.00MΩ

LVD with cUL_{US}

Listed to CAT III 600V; UL, CSA, CE,
and UKCA Compliance

Diode with BeepLit™ & BeepPass™

Continuous Beep + Backlight
Effects on Shorted Diodes;
Short-Beep Alerts on Good Diodes

Battery Access Door

Fire-retarded Housing with
Battery Access Door

