

The Return Of The Professional Flag-Ship BM850"a" Series

100kHz DC+AC TRMS...500,000 Counts DCV... Yet Only Accept The Best!

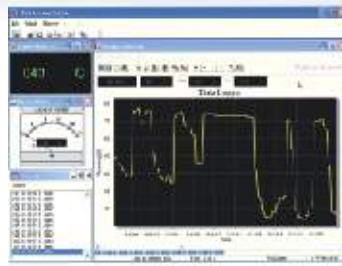


BRYMEN[®]
BRIGHT PEOPLE'S CHOICE



**BM850a Professional
DMM Series**

www.biall.com.pl



BRUA-85Xa Interface Kit
(optional purchase)

● **BM859CFa** ● **BM857a**

BM859CFa	BM857a	Functions & Features
●	●	6 Digits 999,999 Counts Mode For Hz With 0.002% Accuracy
●	●	5-4/5 Digits 500,000 Counts For DC Voltage Stable Mode
●	●	4-4/5 Digits 50,000 Counts For DC/AC Voltage/Current & OHM
●		T1-T2 Dual Channels Type-K Temperature -50°C To 1000°C
100kHz	20kHz	AC, AC+DC True RMS High Bandwidth Voltage Functions
●	●	Optically Isolated PC-COMM Interface Capability
●	●	BRUA-85Xa Interface Kit For Win 95/98/ME/NT4/2K/XP/Vista (Optional Purchase)
●	●	Audible & Visible BeepJack™ Input Warning Against Improper Plug In
●	●	RECORD Max, Min, Max-Min Readings, Auto-Ranging
●	●	CREST (Peak Hold) Max, Min, Max-Min Readings
●	●	Back-Lighted Large Easy To Read LCD Display
●	●	High Speed Analog Bar-Graph Updates 60/Sec
●	●	Intelligent Auto Power Off (APO)
●	●	Fast Data Measurement 5/Sec
●	●	High General Input Protection 600V for a-version (1kV for CFa-version)
0.02%	0.03%	High Basic DCV Accuracies
●	●	Fire Retarded Case
●	●	Relative Zero Mode
●	●	Data Hold
●	●	Diode Test
●	●	DC/AC Current 0.01µA To 15A
●	●	DC/AC Voltage 0.01mV To 1000V
●	●	Ohms 0.01Ω To 50MΩ
●	●	Capacitance 10pF To 9999µF
●	●	Fast Audible Continuity < 100µS
●	●	Duty-Cycle % Reading
●	●	Logic Level FREQUENCY 5Hz TO 2MHz
●	●	Line Level FREQUENCY With 4 Trigger Levels
●	●	%4-20mA Process Control Loop Current Reading
●	●	dBm Readings, 20 Selectable Impedance Values
●	●	High Energy HBC Fuses Protected 600V for a-version (1kV for CFa-version)
●	●	Replaceable And Washable Protective Rubber Holster
●	●	Transient Protection Up To 8kV 1.2/50µS Lightning Surge
●	●	LVD Meets EN61010-1 CAT III 1000V & CAT IV 600V
●	●	EMC EN61326-1:2006 (EN55022, EN61000-3-2/-3 & EN61000-4-2/-3/-4/-5/-6/-8/-11)

Proven Accuracy... Certified Safety... Superb Performance

Superb 0.02% Accuracy, Swift 60/Sec Bargraph + Swift Large-Cx Measurements

FULLY AUTORANGING

SHORTENS THE TIME TO MEASURE AND INCREASES THE EASE OF USE

CREST (PEAK HOLD)

CAPTURES INSTANTANEOUS PEAK READINGS AS SHORT AS 0.8ms IN DURATION

MAX-MIN RECORD

RECORD MAX, MIN, MAX-MIN READINGS, AUTORANGING

BACKLIGHTED LCD DISPLAY

FOR EASY VIEWING IN THE DARK

LAST SET FUNCTION DEFAULT

LAST SET FUNCTION WILL BE SAVED AS POWER-UP DEFAULT FOR EASE OF USE

RANGE

AUTORANGING WITH MANUAL-RANGING OVERRIDE

T1-T2 TEMPERATURE

2 CHANNELS K-TYPE TEMPERATURE, SELECTABLE °C OR °F MEASUREMENTS

DIGITAL SIGNAL Hz

FOR LOGIC LEVEL SIGNAL HIGH FREQUENCY MEASUREMENTS

dBm FUNCTION

WITH 20 SELECTABLE IMPEDANCE VALUES

1kV AC VOLTAGE MEASUREMENT

IMPROVED MEASURING CAPABILITIES

INPUT WARNING

AUDIBLE AND VISIBLE WARNING AGAINST IMPROPER PLUG IN

FIRE RETARDED CASE

FOR REINFORCED SAFETY

HBC FUSE PROTECTED

HIGH BREAKING CAPACITY
1000V (600V FOR BM857)
CERAMIC FUSE PROTECTED

PROTECTIVE HOLSTER

INCREASES PRODUCT DURABILITY.
REPLACEABLE & WASHABLE

DC+AC TRUE RMS

100kHz VOLTAGE BANDWIDTH TO MEASURES SIGNAL TRUE VALUE REGARDLESS OF WAVEFORMS (20kHz FOR BM857)

PC INTERFACE CAPABILITY

OPTIONAL PURCHASE RS232C+USB CABLES WITH DATA RECORDING PC SOFTWARE FOR WIN98/NT4/2K/XP/VISTA

0.02% HIGH BASIC ACCURACY

WITH LARGE EASY TO READ DISPLAY

INTELLIGENT AUTO POWER OFF

TO EXTEND BATTERY LIFE

FAST MEASUREMENTS

DATA 5 TIMES / SEC
BAR-GRAPH 60 TIMES / SEC

RELATIVE ZERO MODE

FOR CONVENIENT READINGS COMPARISON & OFFSET

HIGH RESOLUTION MODE

999,999 COUNTS IN Hz
500,000 COUNTS IN DCV

HIGH VOLTAGE Hz

FOR NOISY ELECTRICAL SIGNALS

DATA HOLD

FREEZES THE DISPLAYING READING FOR LATER VIEW

%4-20mA LOOP CURRENT

FOR PROCESS CONTROL

DIODE TEST

FOR TESTING DIODES AND RECTIFIERS

CAPACITANCE

AUTO-RANGING UP TO 9999 μ F WITH 1000V (600V FOR BM857) PROTECTION

AUDIBLE CONTINUITY

FOR QUICK OPEN-SHORT TESTS ON SWITCHES, FUSES, AND WIRES

EMC

MEETS EN61326(1997, 1998/A1), EN61000-4-2(1995), & EN61000-4-3(1996)

TRANSIENT PROTECTION

UP TO 8kV 1.2/50 μ s LIGHTNING SURGE, MORE CONFIDENCE FOR SERIOUS USERS

LVD

MEETS EN61010-1 2nd Ed. CAT III 1kV & CAT IV 600V



