



MM-122A

# MM-122A

## Portable Weld Checker

- Proven weld checker designed to monitor weld currents
- Measures single-phase AC, DC inverter, AC inverter, Capacitor Discharge, Transistor, Single-phase rectified, Three-phase rectified and Three-phase low frequency efficiently
- Compact design which allows flexible mounting on the welding machine.
- Easy operation: Turn the dial to scroll and move a cursor. Press the dial to select.
- Measures time in ms and cycle.
- Memory and output: Measured data can be sent to and criteria can be changed at a PC
- Measured data can be printed out to a dedicated printer

### CONFIGURATION OPTIONS

A dedicated printer like BL2-58PN-MYT can print out measured data and waveform. The external datacom function can receive and measure voltage signals even from other sensors (+/- 10 V at max.). Amada Miyachi Europe offers a variety of coils upon request such as MB-400K.

The MM-122A is designed to monitor and measure various kinds of weld currents with a compact and easy to use unit in various industries such as Automotive, Electronics, Batteries, Solar Energy, Medical, and Aerospace.

### TYPICAL APPLICATIONS



BL2-58PN-MYT



MB-400K



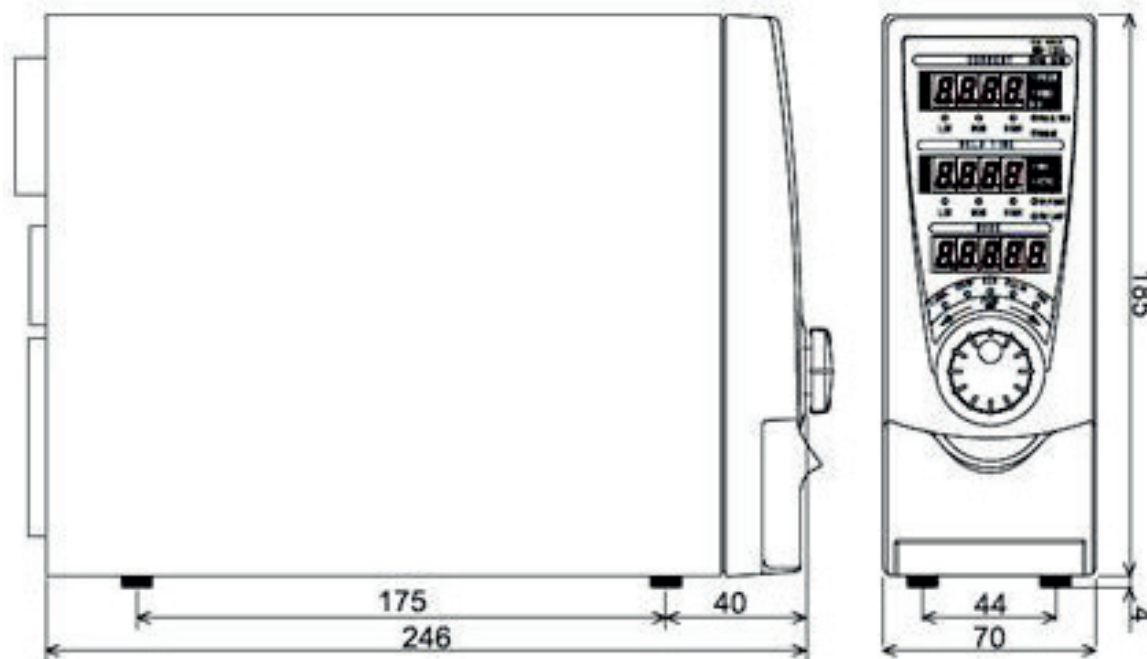
## TECHNICAL SPECIFICATIONS

Power requirements	Single phase, 100 - 240 VAC +/-10%, 50/60 Hz 24 VDC +/- 10%
Current range	0.010-0.199 kA (X10 coil), 0.100 - 1.999 kA, 1.00 - 19.99 kA, 10.0 - 199.9 kA
Monitored value	RMS or PEAK
Time range	0.5-500.0 cycles (AC and DC), 1 - 2000 ms (AC and DC), 0.50-25.00 ms (transistor), 0.50-9.99 ms / 5.0-99.9 ms (capacitor) Tp, Th
Frequency	50 - 250 Hz (1 Hz each)
Conduction angle	30° - 180°
Impulse	0 - 9 (31 schedules)
Printer*	Printable item: Current, welding time, criteria, number of schedule, conduction angle, all cycle and schedule data
Datacom	RS-485/RS-232C Items transmitted and received: Current, welding time, criteria, number of schedule, conduction angle, all cycle and schedule data

## WEIGHT & DIMENSIONS

Weight	1.9 kg
Dimensions HxWxD	189 x 70 x 246 mm

## DRAWING



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