



MM-315B

Handheld Weld Checker

- Compact, economic and multi-functional weld checker
- Measures weld current, welding time, conduction angle
- Automatic power OFF feature saves energy
- Large LCD display allows data to be easily and conveniently viewed
- Memory function allows to save and recall data
- Includes a battery charger
- Cover panel is dust- and oil-proofa

CONFIGURATION OPTIONS

The MM-315B is designed to check weld current, welding time and conduction angle with an easy to use handheld device in various industries such as Automotive, Electronics, Batteries, Medical, IT&Multimedia and Aerospace.

THE IMPORTANCE OF QUALITY CONTROL FOR RESISTANCE WELDING:

The quality of resistance welding depends on the stability of the weld current, the welding time and the applied force. The MM-315B weld checker is designed to measure weld current and welding time and allows to monitor weld quality and weld stability.

SUITABLE RESISTANCE WELDING UNITS:

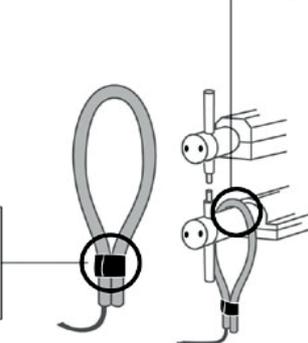
Single phase AC:	OK
Single phase rectification:	OK
Three phase rectification:	OK
Seam:	n/a
Pulsation:	OK
DC inverter:	OK
AC inverter:	n/a
Capacitor:	n/a

OPTIONAL TOROIDAL COIL MB-500-15

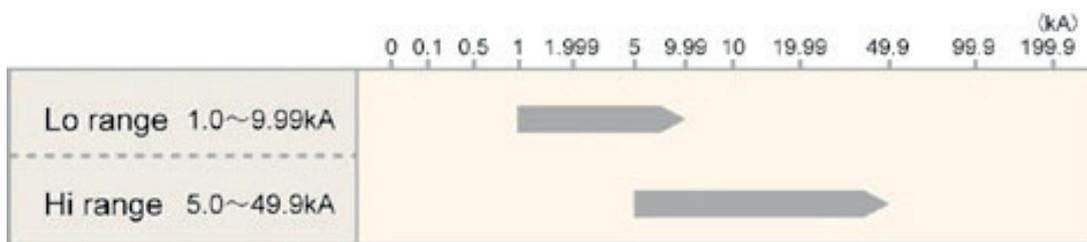


Make sure that center of a coil contacts secondary conductor.

Both ends of a coil should be tied up with a velcro tape as illustrated.



MEASURING RANGE OF WELD CURRENT



TECHNICAL SPECIFICATIONS

Model	MM-315B			
Current	Measuring range	1.00 – 9.99 kA (Lo range) / 5.0 – 49.9 kA (Hi range)		
	Measurement mode	Arithmetic average RMS of measuring range		
	Accuracy	9.99 kA range	49.9 kA range	
		Single phase AC power supply: +/- (1% rdg +9 dgt)	Single phase AC power supply: +/- (1% rdg +3 dgt)	
		DC inverter power supply: +/- (1% rdg +15 dgt)	DC inverter power supply: +/- (1% rdg +5 dgt)	
	Start cycle of measurement	1 – 99 cycle		
	Finish of measurement	AC	DC	
2% or below of full scale		75% or below of previous cycle		
Display digits	3 digits			
Time	Measuring range	AC	DC	
		1 -99 cycle	1 – 40 cycle per 0.01 – 0.80 sec.	
	Measurement mode	All welding cycle or time		
	Accuracy	+/-0 cycle per +/-0.01 sec.		
Display digits	2 digits			
Conduction angle	Measuring range	30 – 80 degree		
	Measurement mode	Maximum conduction angle of measuring range		
	Accuracy	+/-9 degree		
	Display digits	3 digits		
Power source	Nickel hydrate battery 1.2 V x 4pcs (Time for continuous run: 10hrs)			

WEIGHT & DIMENSIONS

MM 315B = 500g

Dimensions in mm

