

■ AC Spot / Series Welding Power Supply (MID-70C)

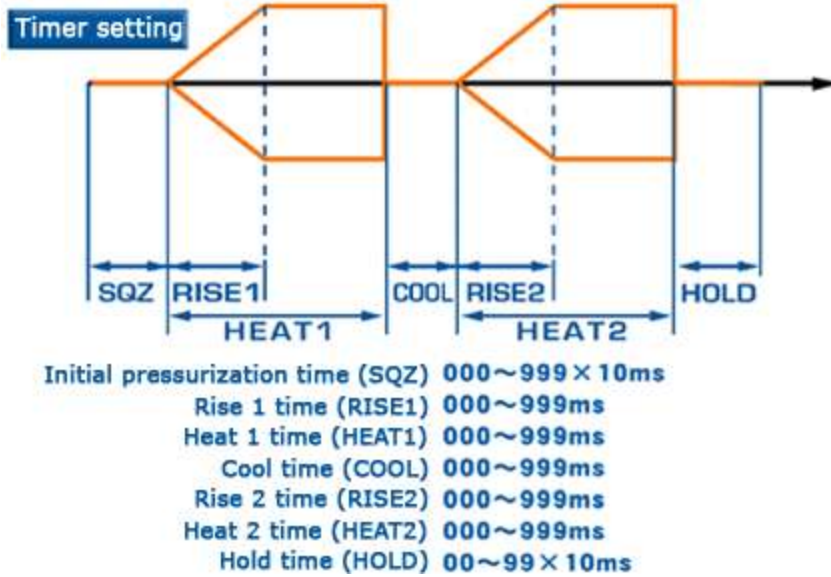


MID-70C

Perfect solution for fusing of electric device and for welding of covered wire!

Features

- Easy setting at the front panel.
- Eight levels of weld current frequency: 50 to 250Hz
- Up to thirty one weld schedules to support multi welding conditions.
Since registered weld schedule can be loaded with one key operation, work efficiency has been improved.
- Weld current monitoring feature.
Actual weld current can be monitored so as to ensure it to stay in the preset range.
- The current range setting can be selected.
1000A: 100 to 1000A / 3000A: 300 to 3000A
- Spot and series welding for small parts.
The MIB-70C is the ideal welding power supply for precision welding of small parts. All the setting can be done directly on the panel of the power supply unit, and the timer setting can be configured by a unit of millisecond.



Specifications

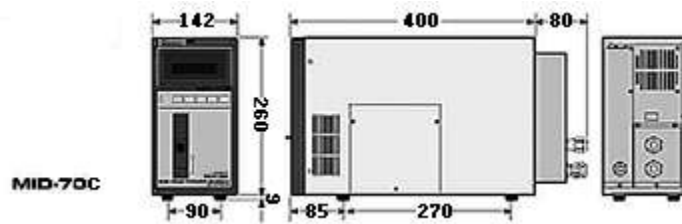
		For precision spot welding and series welding					
Model		MID-70C					
Power requirements *		3-phase 220VAC + 10% - 15%, 3-phase 400VAC ±10%, 50/60Hz					
Output frequency		The welding current and frequency can be selected from the table below. (However, No.01 is supported only for 50Hz transformers.)					
		No.	[Hz]	No.	[Hz]	No.	[Hz]
		01	50	04	100	07	200
		02	60	05	125	08	250
		03	80	06	160		
Control frequency		4kHz					
Maximum output current		70A (4% duty cycle)					
Control method		Primary constant current peak value control					
Welding schedules		63 schedules					
Timer setting	SQUEEZE DELAY	-					
	SQUEEZE	000 - 999(x 10ms)					
	UP SLOPE / RISE 1	000 - 999ms					
	RISE 2	000 - 999ms					

	WELD 1,2 / CURR 1,2	000 - 999ms
	COOL	000 - 999ms
	DOWN SLOPE	-
	HOLD	00 - 99(x 10ms)
	OFF	-
	PULSATION	-
Heat setting / Power supply setting	100 to 1000A / 300 to 3000A (Manual switching)	
Cooling method	Air cooling	
Mass	10kg	

- * Set at the factory

The specification and external design are subject to change without notice.

External view



Corresponding transformer

Model	MT-510AC	MT-520AC	MTH-52A3
Rated capacity	1.0kVA	3.2kVA	2.0kVA
Rated primary voltage	200VAC +/-10%		300VAC +/-10%
Rated secondary voltage	1.2/ 1.8/ 2.5/ 3.5V (Without Load)	2.5/ 3.2/ 4.0/ 5.0V (Without Load)	5.2V
Input frequency	50/60Hz		250Hz
Maximum output current	1600A	3700A	1000A
Duty factor (@100ms)	1.5% or below		8% or below
Cooling method	Air cooling		
Dimensions and Mass	193W x 284D x 177.3H mm / 20kg	182.5W x 358D x 199.5H mm / 35kg	100W x 207D x 130H mm / 4.5kg