

# MULTIPLATE GENIE™

## TIMED MICROPLATE MIXER

### OPERATING INSTRUCTIONS

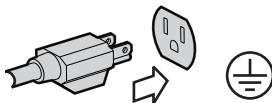
Models SI-4100 through SI-4106



[scientificindustries.com](http://scientificindustries.com)

# 1.0

## Power On



# 2.1

## Timed Operation (Time until stop)



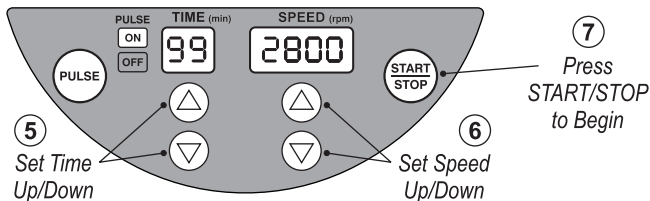
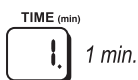
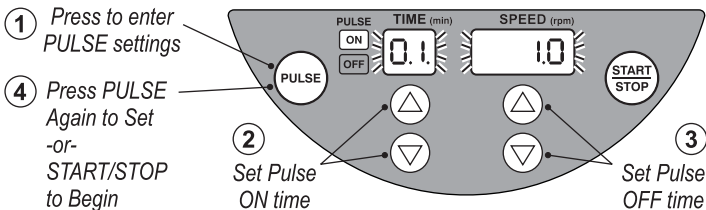
# 2.2

## Continuous Operation (Non-Timed)



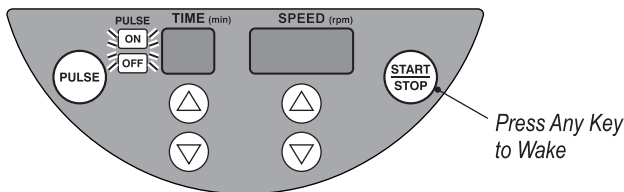
# 2.3

## Pulse Settings



# 2.4

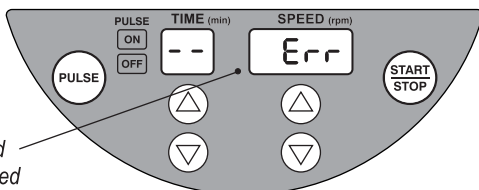
## Sleep (After 10 min of inactivity)



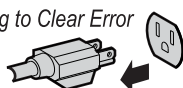
# 2.5

## Error

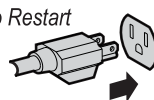
Fault Detected  
When Displayed



1 Unplug to Clear Error

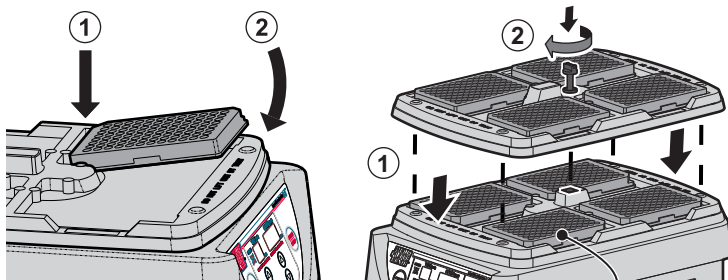


2 Plug In to Restart



## 3.0

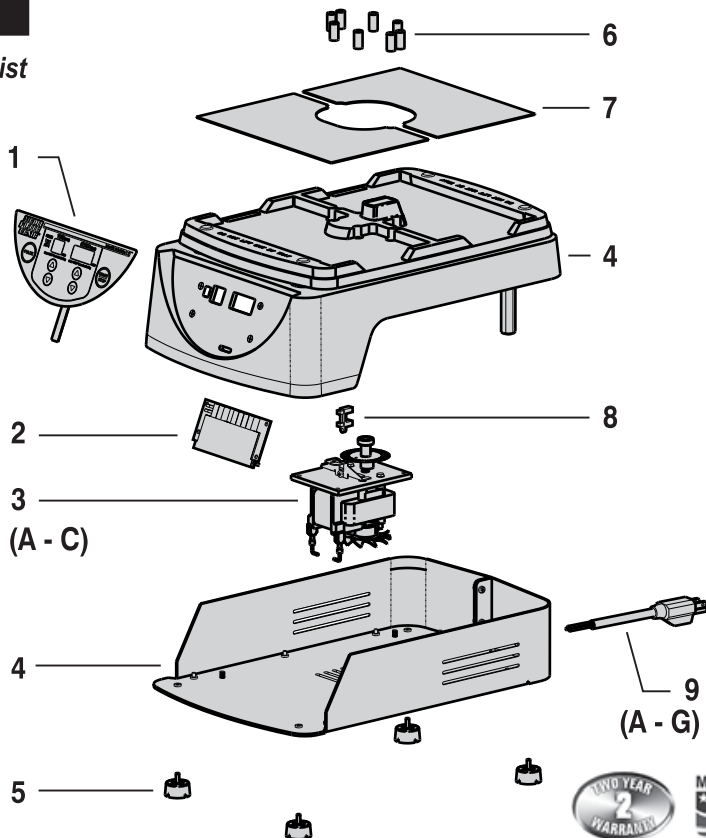
### Install Microplates and optional Accessory Tray Support







Use standard Microplates (15mm height max.)  
when using the Accessory Tray




## 4.0

### Parts List








ITEM No.	PART No.	DESCRIPTION	ITEM No.	PART No.	DESCRIPTION
1	EL-4100-575	Digital Overlay	9A	318-0510-02	120V Line Cord
2	EB-0400A-575	Digital Timer Board	9B	OK-0246-901	230V Line Cord, without Plug
3A	OK-0400A-905	Motor 120V Assembly, Digital	9C	OK-0256-901	230V line cord, European Plug
3B	OK-0401A-905	Motor 230V Assembly, Digital	9D	OK-0266-901	230V Line cord, British Plug
3C	OK-0405A-905	Motor 100V Assembly, Digital	9E	OK-0276-901	230V Line cord, Swiss Plug
4	OK-4100-100	Housing w/ screws, kit	9F	OK-0286-901	100V Line cord
5	PP-4000-201	Rubber Feet	9G	ECP0021	Australian Plug (only)
6	HWP0045	Bumpers	Not Supplied with Unit		
7	OM-4000-201	Mat	10	PP-4000-400	Accessory Tray (add on part)
8	ESP0011	Optical Sensor			

SI-4100	North American (Type B)	
SI-4101	No Plug (C14 Socket)	
SI-4102	Euro (Type F)	
SI-4103	UK (Type G)	

SI-4104	Swiss (Type N)	
SI-4105	Japan (Type B)	
SI-4106	Australia (Type I)	

SPECIFICATIONS	
Capacity	4 microplates (8 microplates with accessory tray)
Electrical	120-240V, 1.5 Amps, 47-63 HZ
Speed	Approx. 500-3000 RPM (60Hz), 500-2600 RPM (50Hz)
Vortexing Orbit	1.0 mm (.039 in) diameter
Maximum Load	0.5 Kg (1.1 lbs)
Pulse ON/OFF	0.1 sec - 99 minutes or continuous
Timer	1 sec - 99 minutes or continuous
Dimensions (D x W x H)	383 x 261 x 152mm (15.1 x 10.3 x 6.0 in)
Weight	5.9 Kg (13.0 lb)
Environmental	0°C - 38°C (32°F-100°F), 95% Humidity max
Markings/Warranty	CE / 2 Years

Caution

-  If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
-  Unplug from power before cleaning. Do not immerse.
-  Do not position the equipment so that it is difficult to disconnect the power cord.
-  MultiPlate Genie is not recommended for use in CO2 incubators with high humidity
-  This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Care and Handling

Your MULTIPLATE GENIE™ should be given the care normally required for any electrical appliance. Unplug unit and wipe housing with damp cloth and detergent. Blot any spills immediately.

Specifications

The MULTIPLATE GENIE™ is classified as “Installation Category 2”, “Overvoltage Category 2” and “Pollution Degree 2”. Indoor use only in elevation up to 2000m of altitude.

