



Performance

- Microprocessor PID control.
- Digital speed control providing gentle to vigorous motion.
 - Waving shaker: 8 to 100 rpm
- Easy to adjust tilt angle.
 - Waving shaker: 0 to 13°
- Smooth, quiet, uniform, and yet powerful shaking motion.

Convenience

- Vivid and colorful vacuum fluorescent display (VFD) with touch-sensitive keypad.
- One-touch timer for time-dependent shaking operation. (1 min. to 99 hr. 59 min.)
- Compact and lightweight design allow for use in cold rooms or incubators.
- Three types of removable tray for easy transport of well-plates, test tubes, etc. (standard dimpled mat, and optional rubber mat and universal harness)
- Variety of accessories are available to meet application demands.
 - Accommodates to be used in a variety of test tube size, beakers, vials, micro-well plates, culture dishes, plastic/glass trays.

Enhanced conveniences for tilt adjustment, removable tray, and digital control.



Safety

- Self-diagnostic function identifying errors.
- Its polypropylene main body is highly chemical-resistant and easy-to-clean.
- Over-current protection.

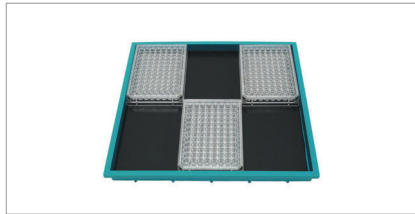
CWS-350

- Standard accessories**
- Dimpled mat (tray, silicone pad)
 - Rubber bands (2ea)
- Optional accessories**
see page 153
- Rubber mat (tray, sticky pad)
 - Universal harness (tray, sticky pad, 6 rubber bands)

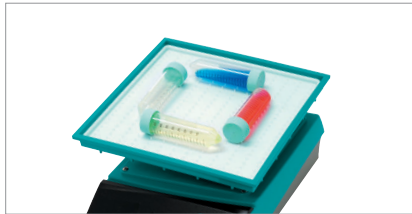
Model		CWS-350
Control system		PID feedback control
Display		VFD
Shaking system	Motion type	Waving
	Speed range (rpm)	8 to 100
	Accuracy at 100 rpm	±5
	Tilt angle	0 to 13°
	Max. load (kg / lbs)	5 / 11.02
Material	Dimpled mat (standard)	PP(polypropylene), Silicone
	Body	PP(polypropylene)
Dimension	Tray (WxD) (mm / inch)	276×276 / 10.87×10.87
	Body ¹⁾ (WxDxH) (mm / inch)	249×325×138 / 9.8×12.8×5.4
	Net weight (kg / lbs)	3.7 / 8.16
Electrical requirements		AC 100 ~ 240 V, 50/60 Hz
Cat. No.	KR Plug	AAH381115K
	US Plug	AAH381115U

1) Main body dimension without accessories.
 * Permissible environmental conditions: temperature (5-40°C) and relative humidity (up to 80%).
 * FDA establishment registered company. FDA listed products.

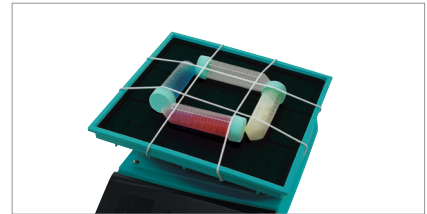
for Rocking Shaker / Waving Shaker / Mini Shaker



Rubber mat



Dimpled mat



Universal harness

Cat. No.	Description	Component
AAA38501	Rubber mat	Tray, Sticky pad
AAA38502	Dimpled mat	Tray, Silicone pad
AAA38503	Universal harness	Tray, Sticky pad, Rubber band (6ea)

for Microplate Shaker



1.5ml Micro-tube rack



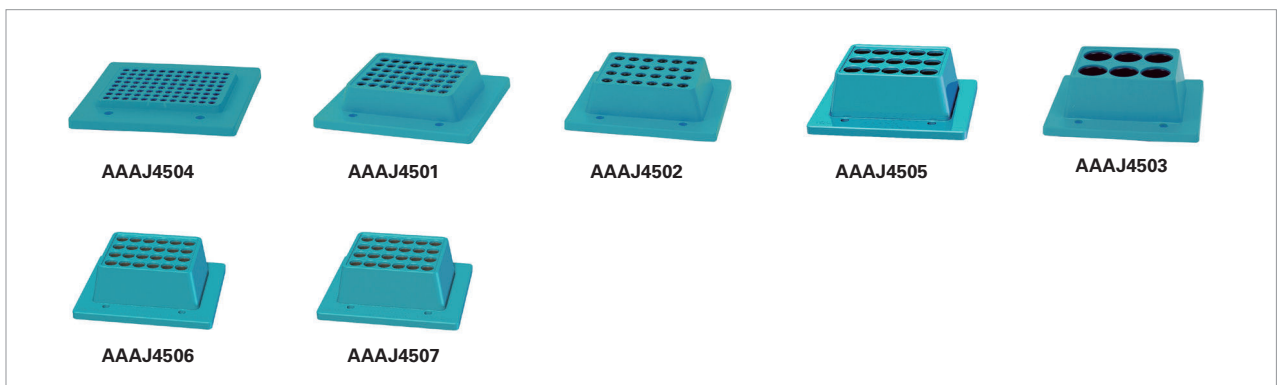
15ml Conical tube rack



50ml Conical tube rack

Cat. No.	Description	Max. mountable tube
AAAJ2311	1.5ml Micro-tube rack with cap	80 (5 x 16)
CPS0011	15ml Conical tube rack	30 (3 x 10)
CPS0012	50ml Conical tube rack	12 (2 x 6)

for Heating Shaker



Cat. No.	Description	Max. mountable tube
AAAJ4504	96-well Tube block with cover	0.2ml x 96 holes (micro tube)
AAAJ4501	0.5ml Tube block with cover	0.5ml x 48 holes (micro tube)
AAAJ4502	1.5ml Tube block with cover	1.5ml x 24 holes (micro tube)
AAAJ4505	15ml Tube block with cover	15ml x 15holes (centrifuge tube)
AAAJ4503	50ml Tube block with cover	50ml x 6 holes (centrifuge tube)
AAAJ4506	ø12 Tube block with cover	ø12 x 24holes
AAAJ4507	ø13 Tube block with cover	ø13 x 24holes