

New Personal Water Jacket CO₂ Incubator

Model: 3502



New 3500 Series... New look, new features

Anti-Corrosion Anode

- New Anti-Corrosion Anode for easy set-up & tap water use in the water jacket
- Factory Pre-set door thermostat
- Patented HEPA filtration for superior contamination prevention
- Pre-heated CO₂ gas inlet for increased temperature uniformity

3502 Personal Water Jacket

The 3502 compact, 6-gallon water jacket features an intelligent microprocessor providing superb uniformity for even the most demanding in-vitro incubations. The 3502 also offers dependable Thermal Conductivity (TC) CO₂ Sensor control, ideal for QA / QC applications.

	3502 3502-2*	3507 3507-2*	3514 (stacked) 3514-2*	3517 3517-2*	3524 (stacked) 3524-2*
Chamber Capacity	50 Liters/1.8 cu.ft	170 Liters/6.12 cu.ft	170 Liters/6.12 cu.ft each chamber*	170 Liters/6.12 cu.ft	170 Liters/6.12 cu.ft each chamber*
Temperature Range	Ambient +5°C to 60°C	Ambient +5°C to 60°C	Ambient +8°C to 60°C	Ambient +5°C to 60°C	Ambient +8°C to 60°C
Temperature Uniformity	+/-0.2°C (at 37°C)	+/-0.2°C (at 37°C)	+/-0.2°C (at 37°C)	+/-0.2°C (at 37°C)	+/-0.2°C (at 37°C)
Temperature Display Resolution	+/-0.1°C	+/-0.1°C	+/-0.1°C	+/-0.1°C	+/-0.1°C
CO ₂ Sensor	Thermal Conductivity (TC)	Thermal Conductivity (TC)	Thermal Conductivity (TC)	Infrared (IR)	Infrared (IR)
CO ₂ Range	0-20%	0-20%	0-20%	0-20%	0-20%
CO ₂ Recovery Rate to 5%	<5 minutes	<5 minutes	<5 minutes	<5 minutes	<5 minutes
CO ₂ Uniformity	+/-0.1% @ 5%	+/-0.1% @ 5%	+/-0.1% @ 5%	+/-0.1% @ 5%	+/-0.1% @ 5%
Alarm Conditions: Temperature CO ₂	+/-1°C +/-1%	+/-1°C +/-1%	+/-1°C +/-1%	+/-1°C +/-1%	+/-1°C +/-1%
Humidity Level	95%	95%	95%	95%	95%
Exterior Dimensions (wxdxh)	53 x 57 x 67 cm/ 21 x 22.5 x 26.5 in.	66 x 65 x 102 cm/ 26.125 x 25.5 x 40 in.	66 x 65 x 102 cm/ 26.125 x 25.5 x 80 in.	66 x 65 x 102 cm/ 26.125 x 25.5 x 40 in.	66 x 65 x 102 cm/ 26.125 x 25.5 x 80 in.
Interior Dimensions (wxdxh) (single chamber)	40 x 40 x 32 cm/ 15.75 x 15.75 x 12.5 in.	52 x 50.8 x 65.5 cm/ 20.5 x 20 x 25.8 in.	52 x 50.8 x 65.5 cm/ 20.5 x 20 x 25.8 in.	52 x 50.8 x 65.5 cm/ 20.5 x 20 x 25.8 in.	52 x 50.8 x 65.5 cm/ 20.5 x 20 x 25.8 in.
Shipping Weight	79.5 kg/175 lbs	127 kg/310 lbs	273 kg/600 lbs	127 kg/310 lbs	273 kg/600 lbs
Shelves Supplied (Max)	3 (8)	3 (16)	6 (32)	3 (16)	6 (32)
Net Weight	63.5 kg/140 lbs	111kg/245 lbs	222kg/490 lbs	111kg/245 lbs	222kg/490 lbs
Electrical Requirements Amps/Cycle Phase -120V Amps/Cycle Phase -220V	5 / 60 Hz 3 / 50/60 Hz	5 / 60 Hz 3 / 50/60 Hz	5 / 60 Hz 3 / 50/60 Hz	5 / 60 Hz 3 / 50/60 Hz	5 / 60 Hz 3 / 50/60 Hz
Fitting Sizes Diameter Access Port CO ₂ Sample Port CO ₂ Inlet Port Fill Port Siphon Port	2.54 cm / 1 in. 0.95 cm / 3/8 in. 0.95cm / 3/8 in. 2.54 cm / 1 in. 1.27 cm / 1/2 in.	2.54 cm / 1 in. 0.95 cm / 3/8 in. 0.95cm / 3/8 in. 2.54 cm / 1 in. 1.27 cm / 1/2 in.	2.54 cm / 1 in. 0.95 cm / 3/8 in. 0.95cm / 3/8 in. 2.54 cm / 1 in. 1.27 cm / 1/2 in.	2.54 cm / 1 in. 0.95 cm / 3/8 in. 0.95cm / 3/8 in. 2.54 cm / 1 in. 1.27 cm / 1/2 in.	2.54 cm / 1 in. 0.95 cm / 3/8 in. 0.95cm / 3/8 in. 2.54 cm / 1 in. 1.27 cm / 1/2 in.

*-2 indicates 220V. Specifications are subject to change without notice.