

50 Liters CO₂ Incubator



3503

- New Anti-Corrosion Anode
- Patented Copper-Housed HEPA Filter for Superior Contamination Prevention
- Factory Pre-Set Door Thermostat
- Pre-heated CO₂ Gas Inlet for Increased Temperature Uniformity
- Front-Mounted Connections for Convenience

Model	3503
Chamber Capacity	50 Liters/1.8 cu.ft
Interior Dimensions (wxdxh)	40 x 40 x 32 cm/ 15.75 x 15.75 x 12.5 in.
Exterior Dimensions (wxdxh)	53 x 57 x 67 cm/ 21 x 22.5 x 26.5 in.
Temperature Range	8° C above ambient to 60°C
Temperature Uniformity	+/-0.2°C @37°C
Electrical Specifications	Volts: 120V/220V, 60 Watts
CO ₂ Range	0-20%
CO ₂ Sensor	Infrared (IR)
Temperature Control	Microprocessor
Jacket Type	Water Jacket
Relative Humidity Range	Up to 95%
Shelves Supplied (Max)	3(8)
Access Port	1 in. Access Port

170 Liters CO₂ Incubator



3517-2

The new look of the 3500 series includes great new features!

Our new anti-corrosion anode allows for the optional use of distilled or tap water (de-ionized water should not be used) in the large 19 gallon water jacket, fully-covered corners make cleaning a breeze and the CO₂ sample port along with all of the data logger connections have been moved to the front control panel for quick and easy access. The 3517 comes standard with an Infrared CO₂ sensor for rapid CO₂ recovery. MRC CO₂ 3500 Series Incubators come standard with the following features:

Model	3517/3517-2
Chamber Capacity	170 Liters/6.12 cu.ft
Temperature Range	Ambient +5°C to 60°C
Temperature Uniformity	±0.2°C (at 37°C)
Temperature Display Resolution	±0.1°C
CO ₂ Sensor	Infrared (IR)
CO ₂ Range	0-20%
CO ₂ Recovery Rate to 5%	<5 minutes
CO ₂ Uniformity	±0.1% @ 5%
Alarm Conditions:	
Temperature	±1°C
CO ₂	±1%
Humidity Level	95%
Exterior Dimensions (wxdxh)	66 x 65 x 102 cm/ 26.125 x 25.5 x 40
Interior Dimensions (wxdxh)	52 x 50.8 x 65.5 cm/ 20.5 x 20 x 25.8 in.
Shelves Supplied (Max)	3(16)
Net Weight	111kg / 245 lbs
Electrical Requirements	
Amps/Cycle Phase -120V	5 / 60 Hz
Amps/Cycle Phase -220V	3 / 50/60 Hz
Fitting Sizes Diameter	
Access Port	2.54 cm / 1 in.
CO ₂ Sample Port	0.95 cm / 3/8 in.
CO ₂ Inlet Port	0.95 cm / 3/8 in.
Fill Port	2.54 cm / 1 in.
Siphon Port	1.27 cm / 1/2 in.

- Coved Corners for Easy Cleaning
- New Anti-Corrosion Anode for Easy set-up & Tap Water Use
- Patented Copper-housed HEPA Filter for Superior Contamination Prevention
- Built-in CO₂ Tank Switcher
- Factory Pre-set Door Thermostat
- Pre-heated CO₂ Gas Inlet for Increased Temperature Uniformity