

UNITHERM CO₂ Incubators

Water Jacket - 3500 Series



- 50 and 170 liters
- Built-in CO₂ changeover unit (Not 3503-2)
- Coved corners for easy cleaning (Not 3503-2)
- New anti-corrosion anode for easy set-up & tap water use
- 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 ... RS232 interface, Parallel interface, CO₂ sample port, Alarm contact, Safety overtemperature control (3503-2 without RS232 and Parallel interface!)
- 4 Digital displays for...Temperature, CO₂, Humidity, Data communication
- 220-240 Volt / 50 Hz
- 110 Volt / 60 Hz on request

Specifications	Unitherm	Unitherm
	3503-2-IR	3517-2-IR
Chamber Capacity	50 liters	170 liters
Temp. Range	RT +8°C up to 60°C	RT +8°C up to 60°C
Temp. Uniformity	+/-0,2°C (at 37°C)	+/-0,2°C (at 37°C)
Temp. Display Resolution	+/-0,1°C	+/-0,1°C
CO ₂ Sensor	Infrared	Infrared
CO ₂ Range	0-20%	0-20%
Jacket Type	Waterjacket	Waterjacket
Humidity Range	Up to 95%	Up to 95%
Exterior Dim. (wxdxh)	53x53x64cm	66x65x102cm
Interior Dim. (wxdxh)	39x39x36cm	52x50,8x65,5cm
Shipping Weight	82kg	127kg
Shelves Supplied	3 (8 max.)	3 (16 max.)

UNITHERM CO2 Incubators

AIR JACKET



3552-2

- Dry high heat decontamination at 180°C for 120 minutes.
- Patent-ending copper Isolation Chamber with HEPA Filter to keep sensitive components clean and secure during Incubation & High heat cycles.
- Pre-heated Copper CO₂ Gas Inlet for Increased Temperature uniformity.
- No handling of IR Sensor

5215-2

- Three temperature control settings (main chamber, external door and front liner) minimize condensation and facilitate superior temperature uniformity. This fine tuning capability allows you to accurately select temperature settings, providing stable and optimal culturing conditions. As well, the heated CO₂ inlet port reduces potential for condensation that can promote contamination within or around the inlet port. Our unique HEPA filtration system removes 99.97% of all airborne microbes and isolated particulates 0.3 microns or larger.

Specifications	Unitherm 3552-2	Unitherm 5215-2
Chamber Capacity	164 litres	160 litres
Temp. Range	RT +8°C up to 60°C	RT +8°C up to 60°C
Temp. Uniformity	+/-0.5°C (at 37°C)	+/-0.35°C (at 37°C)
Temp. Display Resolution	+/-0.1°C	+/-0.1°C
CO2 Sensor	Infrared	Infrared
CO2 Range	0-20%	0-20%
Jacket Type	Air jacket	Air jacket
Humidity Range	Up to 95%	Up to 95%
Exterior Dim. (wxdxh)	71x69x99cm	66x69x96cm
Interior Dim. (wxdxh)	52x50x61.5cm	49x50,65cm
Net/Shipping Weight	107/125kg	91/134kg
Shelves Supplied	3 (16 max.)	3 (16 max.)