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Thermo Scientific Napco Series 8000 Model 3578 CO2 Incubator



Capacity: 6.5 cu. ft.

Rating: Not Rated Yet

Price

Sales price \$2,500.00

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Manufacturer [Thermo](#)

Description

The Thermo Scientific Napco Series 8000 Model 3578 is a water-jacketed CO₂ incubator designed for reliable cell and tissue culture applications. It uses thermal conductivity (T/C) CO₂ sensing and provides stable temperature control with thermal protection from its water jacket, making it suitable for maintaining precise culture conditions in laboratory settings. Stackable design; gas sample port.

Key Features/Specifications

Type: Water-jacketed (WJ) CO₂ incubator (base model with T/C sensor; 115 V, no O₂ control or RH display options).

Capacity: 6.5 cu. ft. (184 L) interior volume; water jacket holds approximately 11.7 gal (43.5 L).

Temperature: Control ± 0.1 °C; range typically 5 °C above ambient to 55 °C; uniformity ± 0.2 °C at 37 °C; independent overtemperature protection.

CO₂ control: Range 0–20%; control better than $\pm 0.1\%$; thermal conductivity (T/C) sensor; inlet pressure 15 PSIG (1.0 bar); readability/setability 0.1%.

Humidity: Ambient to ~95% RH at 37 °C via standard humidity pan (natural vaporization).

Construction: Polished stainless steel interior (coved corners for easy cleaning); triple-wall design for thermal stability; dual-pane heated glass outer door to reduce condensation; perforated stainless steel shelves (typically 3–4 standard, higher maximum possible).

Alarms & controls: User-programmable high/low temperature and CO₂ tracking alarms; microprocessor-based digital controls with displays for temperature and CO₂.

Dimensions (approx.): Exterior ~26" W × 25" D × 39.5–40" H; interior roughly 18–21" W × 18–20" D × 22–27" H (exact values vary slightly by source).

Electrical: 115 V, 50/60 Hz (typically ~3.6 A).

Incubators: Thermo Scientific Napco Series 8000 Model 3578 CO2 Incubator

Comes with our 90-day warranty.

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