Incubators, CO_2, Thermo Scientific Forma® Steri-Cycle®

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- Total contamination control
- Adaptable to your specific requirements
- High capacity for maximum culture space

Our reliable direct heat Thermo Scientific Forma® Steri-Cycle CO_2 incubator combines the best of both worlds – our unique in-chamber HEPA air filtration system providing continuous protection against unwanted airborne contaminants and an on-demand, high temperature sterilisation cycle, to simplify your routine cleaning practices. Providing precise CO_2 control with choice of TC (thermal conductivity) or IR (infrared) sensor, excellent temperature uniformity and recovery characteristics, the Steri-Cycle is a favourite of researchers seeking the benefits of complete contamination control and dependable long-term performance.

Choice of T/C or IR Sensor
Select a T/C sensor when chamber temp and RH are relatively constant. (Typically, a T/C sensor has a longer life than an IR sensor).
Select an IR sensor when temp and RH levels are changed frequently. With either sensor, elevated RH is critical to prevent desiccation.

Technical Specification - General

Dimensions, internal [w x d x h], mm	541 x 508 x 681
Dimensions, external [w x d x h], mm	668 x 635 x 1,003
Construction / design	Interior: Type 304, polished stainless steel Exterior: 18 gauge, cold-rolled steel, powder coated Outer door gasket: Four-side, moulded, magnetic vinyl Inner door gasket: Removable, cleanable, feather-edged silicone Shelves: Stainless steel, perforated
No. of shelves [max/ standard]	15/3
Capacity, L	184.1
Temperature control, °C	±0.1
Temperature range, °C	5 above ambient to 50
Temperature uniformity, °C	±0.3 at 37°C
Alarm	User-programmable low
Over–temperature alarm	Precision thermistor sensor
Safety features	Independent thermostat sensor Independent analogue electronic controller
Sterilisation	Precision thermistor sensor 140°C cycle under 12hr
CO2 control	Better than ±0.1%
CO2 range, %	0 to 20%
Inlet pressure	15PSIG (1.0bar)
CO2 controller/sensor	T/C or IR
Humidity	Ambient to 95 at 37°C relative humidity Display in 1% increments
Fittings	33mm with removable silicone plug with filter access port 6.4mm (1/4) inch hose (barbed) CO_2 inlet

Catalogue No	Alt. No	Sensor
ING-415-100Y	371	T/C
ING-415-105V	381	IR

Incubators, CO_2, Midi 40, Thermo Scientific

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- Highly efficient direct heating design
- Stainless steel culture chamber
- Precise and reliable CO_2 control
- Heated inner glass door

The Thermo Scientific Midi 40 CO_2 incubator is designed for cell culture scientists who require a compact culturing workspace to handle small workloads.

With its 40L capacity, the Midi 40 delivers the performance and capabilities of full-sized incubators with a space-saving footprint. Ideal for those who wish to avoid shared-use environments that can present potential contamination risk through unnecessary sample handling and repeated door openings.

Technical Specification - General

Capacity, L	40
Dimensions, external [w x d x h], mm	470 x 597 x 465
Dimensions, internal [w x d x h], mm	305 x 355 x 355
Shelf size, mm	343 x 292
No. of shelves	4
CO2 range, %	0 to 20
CO2 control	±0.1% (uniformity, 0.10%)
Humidity, %RH	to 95 at 37°C
Temperature range, °C	Ambient +5 to +60
Temperature control, °C	±0.1
Temperature uniformity, °C	±0.4 at +37
Electrical supply	230V, 50Hz

Catalogue No	Alt. No	Description
ING-350-010T	3404TF	Midi 40 CO_2 incubator

Please contact Fisher Scientific to discuss your EU compatible product requirements.