

The Forma Reach-In CO<sub>2</sub> Incubator is excellent for large volume cell culture centres, and it provides optimum production capabilities.

### Product Features

- Large, easy-to-read LED displays the actual temperature and CO<sub>2</sub>
- Setpoints and calibration values are stored in non-volatile memory and are retained during power failures
- Swivel, locking castors and leveling feet are standard
- Choice of automatic, semi-automatic or manual RH system fill
- Dry alarm contacts for remote monitoring of chamber conditions are standard
- Heated glass door minimises condensation
- Audible/visual alarm warns you of undertemperature, overtemperature, high and low CO<sub>2</sub>, and low water conditions
- 2 access ports, located on the right and left sides of the chamber as standard, make it possible to add probes, sensors, etc. without altering the cabinet
- Adjustable, solid stainless steel shelves let you load the incubator to full capacity, providing a total of 145.8 sq ft (13.5 sq m)
- Convenient 230V interior electrical outlet located on the rear wall permits the use of equipment inside the chamber
- Microprocessor control/monitoring system common to all Thermo incubators
- cULus Listed and CE Marked



Model 3950 (3951) is designed for culturing large volumes

### Specifications

#### Capacity

Interior Volume 821.2 litres (29.0 cu ft)

#### Temperature

Control ±0.1°C  
 Range 5°C above ambient to 60°C (140°F)  
 Uniformity ±0.3°C @ 37°C (98.6°F)  
 Low Alarm User Programmable Low

#### CO<sub>2</sub>

Control Better Than ±0.1%  
 CO<sub>2</sub> Range 0-20%  
 Inlet Pressure 15 PSIG (1.0 bar)  
 CO<sub>2</sub> Sensor T/C (Thermal Conductivity)  
 Readability 0.1%  
 Setability 0.1%  
 Tracking Alarm User Programmable High/Low

#### Humidity

Control Off; Medium >80%; High >90%  
 Humidity Reservoir 15.1 litres (4.0 gallons)

#### Fittings

Access Port & Stopper 2.4" (61 mm) I.D., one on each side  
 CO<sub>2</sub> Inlet 1/4" (6 mm) hose (barbed)  
 Water Inlet 1/4" MPT  
 Condensate Drain 3/8" FPT  
 Overflow Drain 3/8" MPT

### Ordering Information

Cat No.	Description
3950	Reach-In CO <sub>2</sub> Incubator - Glass Door
3951	Reach-In CO <sub>2</sub> Incubator - Glass Door
190591	Door Glass Cover (Factory Fitted)

#### Dimensions H x W x D

Exterior 2032 x 965 x 838 (mm), 80 x 38 x 33 (in)  
 Interior 1524 x 787 x 686 (mm), 60 x 31 x 27 (in)

#### Shelves

Dimensions 777 x 655 (mm), 30.6 x 25.8 (in)  
 Construction Solid Stainless Steel, 28  
 Surface Area 0.5 sq m, (5.4 sq ft) per shelf  
 Max Per Chamber 13.5 sq m, (145.8 sq ft)  
 Clearance Adjustable on 51 mm centers  
 Standard 5  
 Maximum 27

#### Construction

Interior Type 304 2B stainless steel  
 Exterior Cold-Rolled Steel  
 Insulation 2.0" (51 mm) fiberglass  
 Exterior Door Heated, triple pane, tempered glass

#### Electrical

**3950** 115V, 50/60 Hz, 10.0 FLA (Operating range 90-125V includes voltage fluctuations)  
**3951** 230V, 50/60 Hz, 6.0 FLA (Operating range 180-250V includes voltage fluctuations)  
 115V: NEMA 5-15P Plug, 230V: CEE 7/7 Plug

#### Plug

**Weight**  
 Net 226.8 kg (500 lbs)

### Accessories

Cat No.	Description
1900005	Fixed reinforced shelf kit, for equipment, factory installed (2 shelves)
190514	Door Lock (Factory Fitted)
191596	Carboy Kit
224161	Reinforced shelf, 68 kg (150 lb) load max. inserted, 2 per unit max., not for shakers
190164	Additional access port 61 mm (2.4") diameter, customer-specified location. (Factory fitted)
1900000	Built-In Gas Guard, (Factory fitted)
190239	Lexan inner door kit (five doors). (Factory fitted)