

# Thermo Scientific Orion 2100 Enclosure

## Product Performance Specification

<b>Compatibility</b>	Orion 2100 Series Monitors
<b>Mounting dimensions*</b>	Size: in inch – 27.00” (h) x 17.63” (w) x 6.88” (d); in cm – 68.58 cm (h) x 44.78 cm (w) x 17.48 cm (d) Weight: 15 lbs

\* Fits on existing 1800 Series footprint

### Standard Features

- Easy to install, lightweight and durable powder-coated steel frame
- Visibility critical components during normal operation
- Flip up calibration port for ease of calibration
- Quick access door operation and disconnect for serviceability
- Provides protection of fluidics and electronics modules from dirt, dust and water found in harsh industrial environments.

### Ordering Information

Orion 2100 Enclosure (Cat. No. 2100EN)

### Installation and Operational Procedure

Installation of the enclosure is fast and easy.

1. Using a hex wrench, loosen the top (2) and (1) bottom right mounting bolts.
2. Completely remove the (1) bottom left mounting bolt.
3. Carefully lift the enclosure, position the enclosure over the 2100 monitor by aligning the mounting bolts in position to the notches on the enclosure.
4. Slowly slide the enclosure down upon the (3) loosened mounting bolts.
5. Insert bottom left mounting bolt through the hole in the enclosure.
6. Tighten all (4) mounting bolts as required for installation of the 2100.

### Door Operation and Removal Procedure

The 2100EN features (2) latches located on the top right and top left of the enclosure to lock the door in the closed position.

- Latches can be operated through a simple pull up to open, or push down to close motion.
- A handle on the front right of the enclosure allows the door to be swung open and shut.

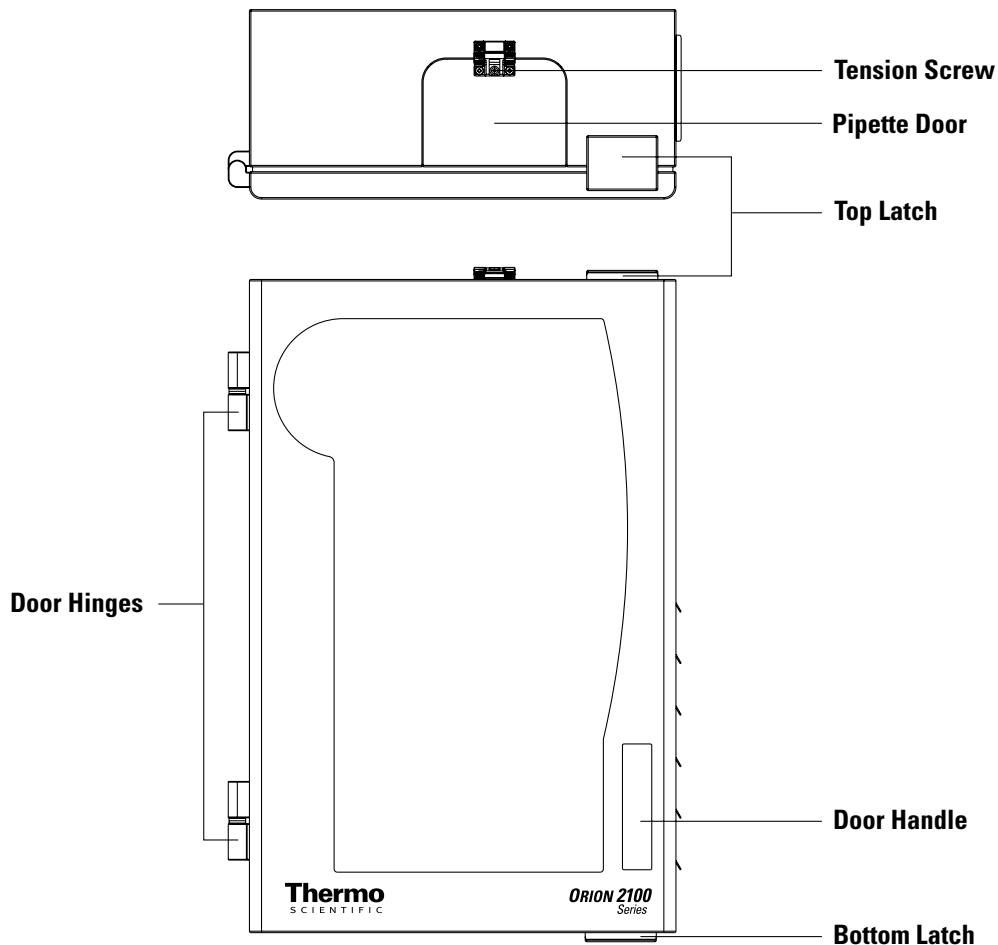
The 2100EN features a quick and simple door removal process for easy access to critical components during routine maintenance and repair.

1. Unlock both top and bottom latches.
2. Holding enclosure door lift vertically until door hinges are separated.
3. Carefully lower enclosure door towards the ground until the door hangs on its own by the braided metal strap.

**Warning:** The enclosure door is electronically grounded through a braided metal strapping attached at the bottom left corner of the enclosure.

Removal of this component may cause accidental shock.

Be sure if removal of enclosure door is necessary during monitor maintenance that braided shorting strap remains attached to the enclosure and enclosure door at all times.



### Calibration Procedure

The 2100EN features a pipette door in the top of the unit for easy access to the flowcell during the calibration cycle.

1. During calibration lift pipette door up to increase access to the flowcell to ensure proper pipette technique.
2. The tension screw located on the hinge of the pipette door can be adjusted using a Phillips head screwdriver.
3. Tighten the tension screw as needed overtime.

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