



### Compact immersion-free temperature controller

The coil-based heating and cooling enables temperature regulation without immersion in oil or any other liquid, reducing the cleaning load in changing tubes with different volumes. The compact body is stackable (except for the large-capacity tube heater) for space-saving multi-stage reactions.

- Space-saving temperature regulation
- Stackable for multi-stage reactions
- Immersion-free design to reduce the cleaning load in replacing the coil reactor



Large-capacity Tube Heater

### Specifications

Product Name	High-temperature Reaction Tube Heater HM	High-temperature Reaction Tube Heater HL	Large-capacity High-temperature Reaction Tube Heater	Low-temperature Reaction Tube Heater
Model	FC-TH-150-6036-240	FC-TH-150-6072-450	FC-TH-350-90215-1020	FC-TH-80-6036-40
Temperature Range	30–150 °C	30–150 °C	30–350 °C	–5–80 °C
Heating Capacity	240 W	450 W	1020 W	-
Winding Core (Diameter × Length)	Φ60 × 36 mm	Φ60 × 72 mm	Φ90 × 215 mm	Φ60 × 36 mm
Heater Volume for Tube with Outer Diameter of Φ1/16" *1	2.6 mL	6.0 mL	-	2.6 mL
Heater Volume for Tube with Outer Diameter of Φ1/8" *2	6.0 mL	15.0 mL	70.0 mL	6.0 mL
Dimensions (Width × Depth × Height)	184 × 235 × 110 mm	184 × 270 × 110 mm	250 × 250 × 370 mm	184 × 235 × 110 mm

\*1 Inner Diameter of Φ1.0 mm \*2 Inner Diameter of Φ2.18 mm

### Replacement Parts

Product Name	Replacement Parts Coil Reactor for Tube Heaters (1/16")		Coil Reactor for Tube Heaters (1/8")	
Specifications	ID Φ1.0 mm × L3.3 m, 2.6 mL in capacity	ID Φ1.0 mm × L7.6 m, 6.0 mL in capacity	ID Φ2.18mm × L1.6 m, 6.0 mL in capacity	ID Φ2.18mm × L4.0 m, 15 mL in capacity



#### Business Description

- Development and sales of laboratory equipment

#### Fields of Expertise

- Flow chemistry
- Liquid chromatography and HPLC
- Laboratory equipment for other applications