

Thermal Mixer

A robust mixer combining variable speed and temperature controls with the ability to accommodate microtubes and microplates



The Thermo Scientific™ Thermal Mixer combines temperature control and mixing capabilities in one convenient package. Ideally suited for a number of heat-sensitive applications including genetic analysis, DNA and RNA extraction, biochemical enzymatic examination, metabolite extraction, peptide mapping, and more.

Key Features

- LCD temperature display
- Fast heat-up and cooling times (5°C/ minute)
- Quickly reaches mixing speeds
- Concurrently run heating, cooling and mixing functions
- Digital timer w/ alarm (1 minute to 96 hours)
- Stable for long-term operation (up to 168 hours)
- Interchangeable blocks available
- Temperature setting: 4°C to 100°C
- Temperature control: 15°C below ambient to 100°C
- Temperature stability $\pm 0.1^\circ\text{C}$ at 37°C
- Speed range: 250 to 1,400rpm
- Orbit: 2mm



Thermal Mixer shown with Block of 96 well microplate or tube strips, and assorted block offering.

Block included with the following products (13687717, 13687718, 13687719, 13687720, 13687721)
Warranty: 2 years | Certifications: cCSAus, CE

Product	Electrical Requirements	Overall Dimensions D x W x H	Weight	Plug Type	Catalog Number
Thermal Mixer (No Block)*	100 to 240V, 50/60Hz, 60W, 12DC, 4.16 A	13 x 23 x 20.5cm (5 x 9 x 8 in.)	4 kg (8.8 lbs.)	US/UK/EU	13687711
				AUS/NZ/CHN	13687722

*Block required for instrument operation. See accessories below to purchase blocks.

Product Packages (only available in North America and Europe)

Product	Electrical Requirements	Overall Dimensions D x W x H	Weight	Plug Type	Catalog Number
Thermal Mixer w/ Block (24 x 1.5ml microtubes)	100 to 240V, 50/60Hz, 60W, 12DC, 4.16 A	13 x 23 x 20.5cm (5 x 9 x 8 in.)	4 kg (8.8 lbs.)	US/UK/EU	13687717
Thermal Mixer w/ Block (24 x 2.0ml microtubes)				US/UK/EU	13687718
Thermal Mixer w/ Block (20 x 0.2ml microtubes, 12 x 1.5ml microtubes)				US/UK/EU	13687719
Thermal Mixer w/ Block (20 x 0.5ml microtubes, 12 x 1.5ml microtubes)				US/UK/EU	13687720
Thermal Mixer w/ Block (96 well microplate*, OR 0.2ml tube strips)				US/UK/EU	13687721

Accessories

Product and Description	Quantity	Catalog Number
Block, 24 x 1.5 ml microtubes	Each	13687712
Block, 24 x 2.0 ml microtubes	Each	13687713
Block, 20 x 0.2 ml microtubes + 12 x 1.5 ml microtubes	Each	13687714
Block, 20 x 0.5 ml microtubes + 12 x 1.5 ml microtubes	Each	13687715

Product and Description	Quantity	Catalog Number
Block, 96 well microplate* or tube strips (0.2 ml)	Each	13687716
White Pegs	6/pack	13687728

*Block will accept non-skirted and semi-skirted round bottom plates.