

# Mini Thermal Cycler


**Features:**

- Capacity for 32x0.2mL tubes - 4x8 format also accepts tube strips
- Intuitive touch screen control - Works even when wearing gloves
- Extremely easy to use - Familiar, icon driven programming
- Compact Size - 9x7 inch footprint

**Technical Data:**

Capacity:  
     0.2mL tubes: 32  
     Strip tubes: 4 x 8 tube strips

Temp. control range: 0° - 99.9°C  
 Temp. control: Simulated sample or block  
 Accuracy/uniformity: ±0.25°C / ±0.25°C  
 Ramp rate - heating: 5°C/second  
                   - cooling: 4°C/second

Lid temp.: 30° - 112°C, user adjustable  
 Program memory: Over 100 typical programs  
 Increments/decrements: Yes, time and temperature  
 Power supply: Universal, 100-240V, 50-60Hz  
 Dimensions (WxDxH): 7.2 x 9.2 x 6.2 in. (18.2 x 23.2 x 15.7 cm)  
 Weight: 6.4 lbs (2.9 kg)  
 Warranty: 2 years

Designed for lower throughput needs, the Mini Thermal Cycler has a capacity for 32 x 0.2mL tubes. The wells are arranged in a 4 x 8 format, allowing the block to accept strips of 8 as well as individual tubes. The block heats and cools very quickly - at rates as fast as 5°C/second. A proprietary algorithm controls block temperature, bringing samples quickly to the target temperature without any over- or under-shoot. Excellent block uniformity ensures consistency sample to sample.

Operation of the thermal cycler is controlled from a large, full color touchscreen with icon-driven menus that allow users to get running quickly. Programming is extremely simple and includes options for time and temperature increment/decrements, adjustable ramp rates, and an auto pause and restart functions. More than 100 typical programs can be stored in memory and easily recalled. After a run, samples can be held at 4°C. An on-screen report is also available at the completion of a run.

The heated lid is self adjusting - the spring loaded platen in the lid comes firmly into contact with the tops of the tubes to prevent sample evaporation and condensation.

With a footprint less than that of the average laboratory notebook, the Mini Thermal Cycler will fit almost anywhere. Its reduced capacity block and economical price make the Mini Thermal Cycler the perfect choice for lower throughput laboratories and educational facilities.



Cat. No.	Description
ES59720	Mini Thermal Cycler