

Product Code

- UTD-1450 Muffle Furnace 3 L 1000°C, 220-240 V 50-60 Hz, 1 ph
 UTD-1455 Muffle Furnace 6.3 L 1100°C, 220-240 V 50-60 Hz, 1 ph
 UTD-1462 Muffle Furnace 6.3 L 1200°C, Programmable Working Time and Working Temperature, 220-240V 50-60 Hz, 1 ph
 UTD-1465-C Muffle Furnace 5 L 1600°C, 380 V 50 Hz, 3 ph

The UTD Series Muffle Furnaces are widely used for determining various properties of construction materials, and they cover a temperature range from 1100°C to 1600°C, they are all front loading for easy operation and are of a double skin construction to maintain a cool outer case. Up to 1300°C, open wire based models are also produced.

The Muffle Furnaces have;

- Powerful PID algorithm for precise temperature control
- Power driven by SSRs for silent operation
- Over temperature protection against over-heating of the furnace
- Furnace frame and bottom is made of insulation brick to maintain high durability against mechanical damages.
- Door safety switch and leak current circuit breaker providing additional operator safety.
- Easily operated up & away spring balanced soft opening & closing door



Technical Specifications

	UTD-1450	UTD-1455	UTD-1462	UTD-1465-C
Max. Temperature	1000 °C	1100 °C	1200 °C	1600 °C
Continuous Operating Temperature	950 °C	1050 °C	1150 °C	1550 °C
Internal Volume	3 L	6.3 L	6.3 L	5 L
Internal Dimensions (mm)	100x135x200 cm	14x20x25 cm	14x20x25 cm	14x15x25 cm
External Dimensions (mm)	425x320x360 cm	65x55x58 cm	65x55x58 cm	65x55x58 cm
Weight (approx.)	20 kg	56 kg	56 kg	65 kg
Power	2000 W	2000 W	2000 W	4900 W