



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



MUFFLE FURNACE

PT-350 Sillimanite Muffle · PID Control · up to 900°C

High-temperature chamber furnace for ashing and heat-treatment work in the laboratory.
Kanthal wire heating with K type thermocouple and an insulated solid swing door.



CERTIFIED & COMPLIANT



900°C

Max & continuous temp.

PID

LED SV/PV, auto tuning

Sillimanite

Heating chamber muffle

2 - 12 L

Four muffle sizes

Powder coated MS or SS 304 (GMP) body · Kanthal heating · NABL calibrated controller optional



Technical Specifications

Parameter	Specification
Max. Temperature	900°C
Continuous Operating Temp.	900°C
Heating Element	KANTHAL wire
Thermocouple	K Type
Heating Chamber MOC	Sillimanite Muffle
Exterior MOC	Powder coated MS / SS 304
Door	Swing type insulated solid door
Controller	PID, LED display of SV & PV, auto tuning
Power Supply	220V / 50Hz
Accessories	Safety gloves, crucible tong, manual
HSN Code	85141000

Model Options

Catalogue	Muffle (mm)	Cap.	Rating
PT-350/05	100×100×225	2 L	1.6 kW
PT-350/10	125×125×250	4 L	2.0 kW
PT-350/15	150×150×300	6 L	3.0 kW
PT-350/20	200×200×300	12 L	3.5 kW

Optional Accessories

- Data logger with USB interface
- Vent hole for fume exhaust
- IQ, OQ & PQ documentation
- Automatic voltage stabilizer
- NABL calibrated controller
- Cooling fan for control panel

Applications

- Ashing of samples and loss-on-ignition tests
- Heat treatment of small samples and crucibles
- Quality-control and research laboratories

Why PT-350

- Sillimanite muffle chamber with Kanthal wire heating.
- PID controller with auto tuning and LED SV/PV display.
- Insulated solid swing door for safe operation.

Standards & Quality

- Variants: PT-350 MS body, thermostatic; PT-350A MS body, digital; PT-350B SS 304 body (GMP), digital.
- Manufactured under ISO 9001:2015 quality system.

Request a Quotation

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