



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



MUFFLE FURNACE

PT-352 Grooved Type · High-Temperature · up to 1200°C

Precise, contamination-free high-temperature heating for ashing, ignition, sintering and heat treatment — built for demanding laboratory work.

1200
°C MAX



CERTIFIED & COMPLIANT



MSME

MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम

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Ministry of MSME, Govt. of India



GeM
Government
e Marketplace

1200°C

Continuous high-temp

Digital PID

LED SV/PV, auto-tune

Grooved Muffle

Sillimanite, Kanthal wire

4 Models

4 L to 27 L capacity

MS or SS 304 (GMP) body · Four chamber sizes · NABL calibration available



Technical Specifications

Parameter	Specification
Max Temperature	1200°C
Continuous Temp.	1200°C
Heating Element	Kanthal wire
Muffle (Chamber)	Sillimanite, grooved type
Thermocouple	K-Type
Controller	Digital PID, LED SV/PV, auto-tune
Door	Swing-type insulated solid door
Exterior (Body)	Powder-coated MS / SS 304
Power Supply	220 V, 50 Hz
HSN Code	8514 1000

Model Options

Catalogue	Chamber (mm)	Cap.	Load
PT-352/05	125 × 125 × 250	4 L	4.0 kW
PT-352/10	150 × 150 × 300	6 L	4.5 kW
PT-352/15	200 × 200 × 300	12 L	6.0 kW
PT-352/20	300 × 300 × 300	27 L	10.0 kW

Optional Accessories

- Programmable ramp-and-soak PID controller
- Independent over-temperature safety cut-off
- Spare Kanthal A-1 element set & thermocouple
- Automatic voltage stabiliser
- NABL calibration certificate; IQ/OQ/PQ documentation

Applications

- Sulphated (total) ash and loss-on-ignition determination
- Ashing and ignition in gravimetric analysis
- Heat treatment, annealing and tempering of small parts
- Sintering and ceramics research
- Coal, cement, food and pharmaceutical QC laboratories

Why the PT-352

- Reaches 1200°C continuous duty with auto-tuning digital PID control.
- Grooved Sillimanite muffle with Kanthal-wire elements for durable high-temp use.
- Separate LED display of set value (SV) and process value (PV).
- Choice of powder-coated MS or 304-grade stainless steel (GMP) body.

Standards & Quality

- Guide muffle and elements built to withstand sustained 1200°C duty.
- Suitable for pharmaceutical, food, cement and materials-testing labs.
- GMP-ready build with full IQ/OQ/PQ and NABL calibration options.

Request a Quotation

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