



POPULAR TRADERS

Your Partner in Laboratory & Pharmaceutical Solutions



VACUUM OVEN

PT-415/20 SS 304 Body · Digital PID · 22 L · up to 250°C

*Gentle, low-temperature drying under vacuum for heat-sensitive materials, free of oxidation.
Thick jointless SS 304 circular chamber with viewing window and silicone-sealed door.*

250
°C MAX



CERTIFIED & COMPLIANT



750 mmHg

Attainable vacuum

Digital PID

Display, $\pm 1^\circ\text{C}$ accuracy

22 L

Circular SS 304 chamber

SS 304

Outer body (GMP model)

SS 304 body and chamber · Toughened glass viewing window · IQ/OQ/PQ documentation on request



Technical Specifications

Parameter	Specification
Temperature Range	Ambient to 250°C
Temperature Accuracy	± 1°C
Controller	PID control, digital display
Heating Power	1000 W
Heating Technology	Nichrome wire (Kanthal make)
Chamber Volume	22 L
Chamber Dimension	Dia 12" x Depth 12" (circular)
Inner Chamber	Thick jointless SS 304 grade
Outer Body	SS 304 grade (PT-415/20)
Shelf	1 x SS 304 perforated, 11" x 11"
Insulation	Glass fibre
Attainable Vacuum	750 mmHg
Vacuum Gauge	Analogue
Door Seal / Window	Silicone gasket / toughened glass
HSN Code	85143090

Model Options

Catalogue	Outer Body	Cap.	Power
PT-415/10	Mild steel powder coated	22 L	1000 W
PT-415/20	304 grade stainless steel	22 L	1000 W

Optional Accessories

- Additional SS 304 perforated shelves
- IQ/OQ/PQ documentation package
- Compatible vacuum pump (e.g. PT-89 series)
- Vacuum tubing and fittings
- NABL calibrated temperature controller

Applications

- Gentle drying of heat-sensitive materials
- Fast, residue-free drying of intricately designed parts
- Elimination of oxidation associated with heat treatment
- Targeted recovery of degassed products
- Drying of powders and drying at high temperatures
- Pharma, food and research laboratories

Why PT-415/20

- Vacuum lowers the boiling point of moisture and solvents, so samples dry gently at low temperature.
- Circular, jointless SS 304 chamber is easy to clean and resists chemicals.
- Toughened glass window lets you watch samples without breaking vacuum.
- Silicone rubber gasket and reliable inlet/outlet valves hold vacuum without leakage.

Standards & Quality

- SS 304 grade outer body and inner chamber suit GMP and regulated environments.
- Digital PID control with glass fibre insulation for stable, efficient heating.
- IQ/OQ/PQ documentation available on request.

Request a Quotation

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