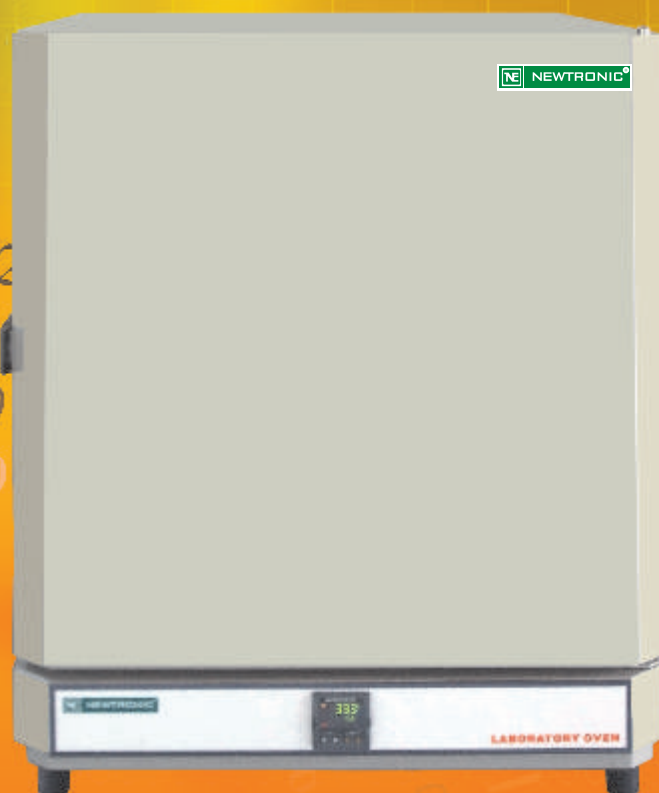


VACUUM OVENS LABORATORY OVENS

AN ISO 9001: 2000 COMPANY



The name you can trust



Technology for the
21st Century & Beyond

With over 30 years of experience, our portfolio of heating and drying ovens offers you a comprehensive selection of ovens with reliable 24/7 operation. For precise and reproducible temperature performance combined with the highest standards of workmanship and long-lasting reliability, there's only one choice - NEWTRONIC.

Choose Newtronic Ovens, Vacuum Ovens and Incubators for your everyday applications or for your specialized laboratory needs.

Safety and Alarms

All the equipments are fitted with high temperature cut offs. This auto resettable safety device cuts off heater supply in the event of temperature over shoots. With settable low and high temperature deviation alarms; user attention is attracted in the event of equipment temperature is out of acceptable range.

VACUUM OVENS

Exterior chamber is made of mild steel/stainless powder coated and internal chamber is made of stainless steel. Highly accurate controller allows gentle drying of heat sensitive materials avoiding damage due to fast temperature raise and overshooting. Direct contact between the load and the heatable, heater mounted below the tray ensures rapid and equal heating up without thermal loss.



Calibrated vacuum gauge

Robust door hinge

Vacuum pump connection

Corrosion - resistant stainless steel inner casing

User friendly Vacuum connection valve

One hand door latch operations

Vacuum release valve

Silicone door gasket and positive latch door maintain seal at all vacuum levels



Significantly reduced drying times

Newtronic's Vacuum Oven can dry faster than conventional ovens with uniform temperature distribution.

User Friendly

Separate Vacuum release valve release vacuum by gentle turn of knob.

Traceability

Calibrated vacuum gauge and temperature controller with each equipment.

Temperature Range : 50°C to 200°C

Electric Supply : 220 ±10 VAC, 50/60 Hz

| Models | | Total Volume | | Inner Chamber (WxDxH mm) | External Dimension (WxDxH mm) | Shelves (Nos.) |
|-----------------------------|-----------------------------|--------------|--------|--------------------------|-------------------------------|----------------|
| Exterior M.S. Powder Coated | Exterior S.S. Powder Coated | Cu. Ft. | Liters | | | |
| NEC501 | NEC501S | 1 | 30 | 300 x 300 x 275 | 590 x 420 x 460 | 1 |

Optional Printer Interface for recording temperature data on a suitable printer

Documentation and Support

For user documentation support all equipments are provided with Operational Manual and Calibration Certificates. Qualification Protocols such as Installation Qualification, Operational Qualification and Performance Qualification are available to help user ease out installation part and meeting regulatory needs.



LABORATORY OVENS

Units are primarily used in applications needing rapid drying and sterilization. Totally homogenous temperature distribution, rapid dynamic response, and a special air turbine which was developed by us and has higher output, have made a genuine time-saving device.

Our drying ovens with air circulation are designed for high performance drying and thermal processes that require increased fresh air supply, short process and heat-up times, and precise heat control.

Removable shelf support and rounded corners help make cleaning easy

Robust door hinge

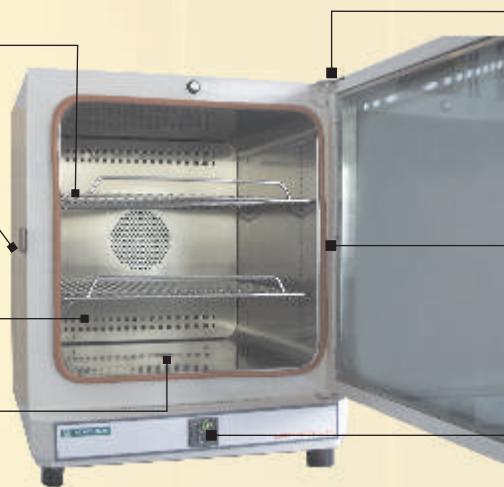
Sturdy one-point door latch

Corrosion - resistant stainless steel inner casing

Interchangeable door gasket

Fresh air supply and adjustable top ventilation

Sophisticated programmable controller



High Performance and efficiency

With extremely short heat-up and recovery times, the ovens can reach temperatures up to 250/300°C. A low level of heat emission ensures low energy consumption.

Easy-to-clean

An interchangeable silicone door gasket, removable shelf supports and rounded corners make cleaning easy and safe.

Controller & timer functions

PID controller with integrated timer 0 to 99 hours One ramp and soak function. Delayed ON, delayed OFF, Temperature dependent delayed OFF (Soak Time)

Temperature Range : 50°C to 250°C *300°C Models Electric Supply : 220VAC, 50/60 Hz

| Models | | Total Volume | | Inner Chamber (WxDxH mm) | External Dimension (WxDxH mm) | Shelves (Nos.) |
|-----------------------------|-----------------------------|--------------|--------|--------------------------|-------------------------------|----------------|
| Exterior M.S. Powder Coated | Exterior S.S. Powder Coated | Cu. Ft. | Liters | | | |
| NEC 401 | NEC401S | 1 | 30 | 300 x 360 x 280 | 410 x 655 x 550 | 1 |
| NEC402 | NEC402S | 2 | 50 | 400 x 320 x 400 | 510 x 615 x 670 | 1 |
| NEC403 | NEC403S | 3 | 90 | 450 x 450 x 450 | 560 x 745 x 720 | 2 |
| NEC405* | NEC405S* | 4 | 120 | 450 x 450 x 600 | 560 x 745 x 870 | 2 |
| NEC408 | NEC408S | 8 | 215 | 600 x 600 x 600 | 710 x 895 x 870 | 2 |
| NEC412* | NEC412S* | 12 | 325 | 600 x 600 x 900 | 710 x 760 x 1155 | 3 |

Optional Printer Interface for recording temperature data on a suitable printer



Humidity Chambers



Laboratory Incubator / Ovens



Walk-In Chambers



Vacuum Ovens



Cooling / BOD Incubators



Deep Freezers



Photostability Chambers



Pharma Refrigerators

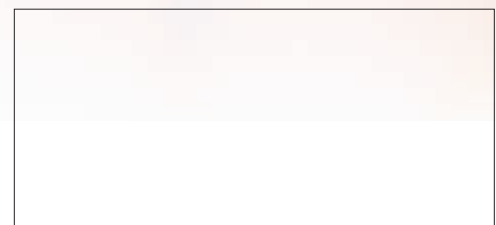


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