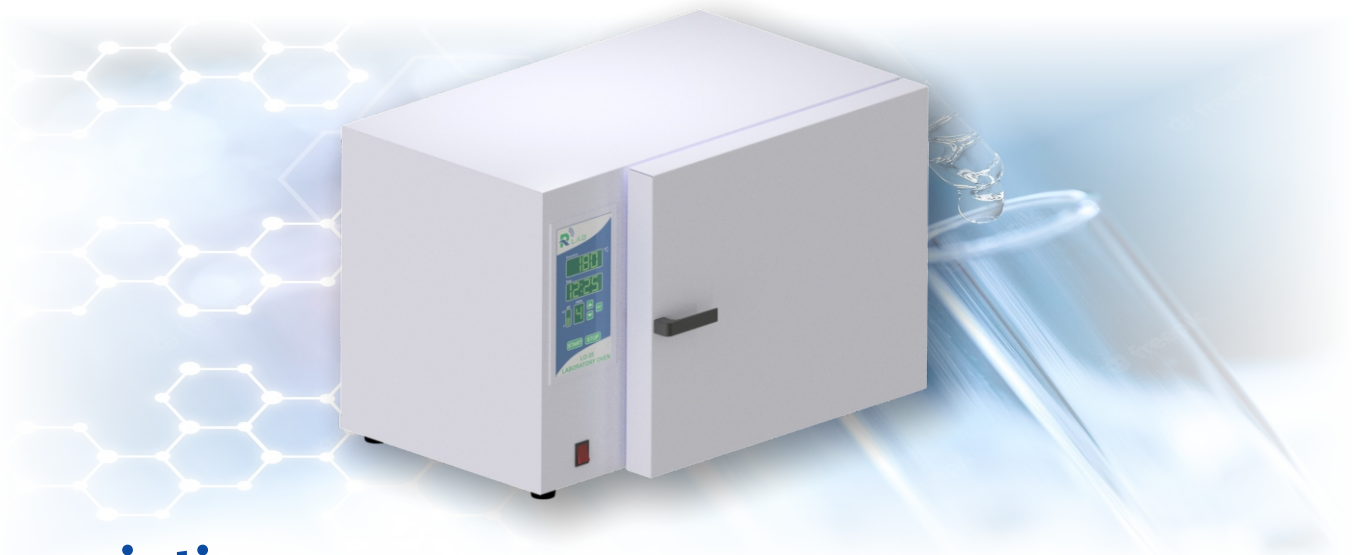# RLAB

OVEN

The all needed for laboratory
about Heating and Precision

RLAB

Description

The laboratory oven is made with mild steel material with anti-corrosion treatment in duly powered coated finish to provide sufficient support in various applications.

The inner chamber made up of stainless steel material and consist of perforated trays allows excellent function.

The space between the inner chamber and outer chamber is filled with 50mm high density grade mineral wool to keep the temperature stagnant within the optimum range required during application.

The electronic board have mechanical relay used for pre-heating and static relay used for precision temperature regulation.

We provided customization of ovens as per client's specification to meet the desired need.

Technical characteristic

PID controller with Auto-tuning provides accurate temperature regulation.
Temperature range 50°C - 300°C .
Temperature uniformity natural convection: ±5.0 @ 250°C.
Temperature uniformity forced air convection: ±2.0 @ 250°C.
Temperature Stability: ±2.0°C.
Temperature Accuracy:±3.0°C (can be customized)
Temperature Sensor PT100 class A.
Thermal isolation Rock-wool 50mm high density.
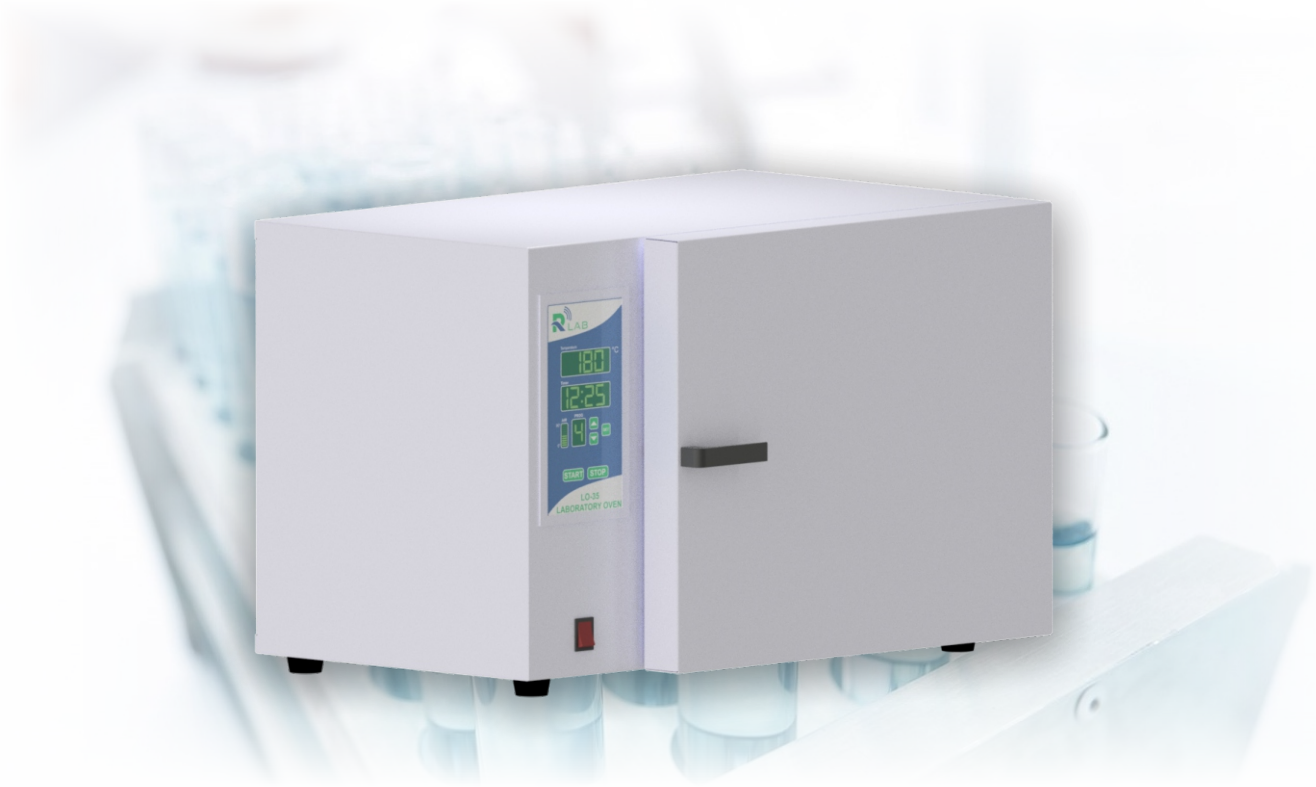Inner chamber - Stainless Steel.
Case mild steel with anti-corrosion treatment and epoxy paint.
Over temperature protection.
Sensor failed detection.
Output stage failed detection.
Connection for air outlet with valve, electronic adjustment.

	Chamber Volume (L)	Overall Dimensions (L x W x D mm)	Power (W)	Power Requirement	Weight (Kg)
LO-35	35	650 x 420 x 320	1200	AC 220V	45
LO-60	60	670 x 500 x 400	1400	AC 220V	65
LO-120	120	820 x 600 x 470	2200	AC 220V	87
LO-360	360	1110 x 900 x 570	4500	3Ph AC 220V	170
LO-520	520	1010 x 1400 x 570	1400	3Ph AC 220V	210
LO-820	820	1200 x 1470 x 670	1400	3Ph AC 220V	240
LO-1015	1015	1320 x 1500 x 720	1400	3Ph AC 220V	270

(N)Natural convection (F)forced convection   (order will be LO-35-N   or LO-35-S).

2 year warranty

Contact

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