

## LABORATORY OVEN

Code : G030



- Used for general purpose heating, drying, conditioning, aging, sterilizing, curing, and moisture content determination
- Full width opening is provided, allowing easy access to all parts of the oven
- The front loading to the oven provides easy access
- Designed with reduced internal depth for easier operation
- The ovens are highly efficient in heating-up time and maintaining constant temperature, in accordance with the relevant standards
- Equipped with a digital thermostat and an indicator with range of ambient to 200°C (392°F)
- The maximum temperature is regulated with the Proportional Integral Derivative (PID) control and goes to a maximum set value
- All models are fitted with overheat safety thermostat to prevent accidental over-temperature and to provide a safe working environment

- Equipped with circuit breaker that can control and protect the electrical components and the people operating the oven
- Internal chamber is made of stainless steel
- Exterior surface is powder coated or stainless steel
- Mineral wool is used in between the internal chamber and the outer cabinet for insulation purposes making the oven energy-efficient
- Equipped with exhaust hole for humidity discharge and fast cooling.
- Equipped with air circulating fan(s), mounted on the back wall, providing forced airflow convection for uniformity of heat
- Effortless maintenance and servicing due to the easy access to heating element(s), circulating fan(s) and other internal components
- Wire grid shelves are supplied; allowing homogenous air flow that helps maintaining constant temperature throughout the oven
- The shelves have alternative positions available within the chamber
- Other than the wide selection of different sizes of ovens that our experts have put together, we are proudly ready to manufacture ovens in custom dimensions (tailor-made) as per the requirements

## **STANDARDS**

ASTM C127 • EN 932-5 • BS 1377

## **TECHNICAL SPECIFICATIONS**

- Temperature Range: Ambient to 200°C
- PID Control
- Interior chamber: Stainless Steel
- Exterior: Powder Coated or Stainless Steel
- Insulation: Thick mineral wool
- Airflow: Forced convection

- Power Supply: [220 - 240 V / 50 - 60 Hz] or [380 V / 50 - 60 Hz]

### **EQUIPPED WITH**

- Digital Thermostat & Indicator
- Safety Overheat Thermostat
- Circuit Breaker
- Air Circulation Fan providing airflow
- Exhaust Hole for humidity discharge and fast cooling

### **SUPPLIED WITH**

- Wire Grid Shelves: 2 ea (Additional shelves can be ordered)

### **ACCESSORIES**

- Smart Oven: Programmable controller
  - 3.5" Touch screen
  - Ability to program multiple heating / waiting steps
  - Can be connected to Thermal Printer (purchased separately)
  - Can be connected to PC for data-logging / reporting
  - Supplied complete with PC Software (ALFA Cloud® Compatible)
- ALFA Cloud® Subscription - (works only with Smart Ovens Series)
- Thermal Printer (works only with Smart Ovens Series)

**ORDERING INFORMATION**

Item	Code
LABORATORY OVEN - 80 Lt	G 030 X080 U
LABORATORY OVEN - 120 Lt	G 030 X120 U
LABORATORY OVEN - 250 Lt	G 030 X250 U
LABORATORY OVEN - 250 Lt (Double Door, Benchtop)	G 030 X252 U
LABORATORY OVEN - 400 Lt	G 030 X400 U
LABORATORY OVEN - 500 Lt	G 030 X500 U
LABORATORY OVEN - 600 Lt	G 030 X600 U
LABORATORY OVEN - 750 Lt	G 030 X750 U
LABORATORY OVEN - 1000 Lt	G 030 X01K U
LABORATORY OVEN - 2000 Lt	G 030 X02K U
LABORATORY OVEN - 80 Lt - Stainless Steel	G 030 J080 U
LABORATORY OVEN - 120 Lt - Stainless Steel	G 030 J120 U
LABORATORY OVEN - 250 Lt - Stainless Steel	G 030 J250 U
LABORATORY OVEN - 250 Lt (Double Door, Benchtop) - Stainless Steel	G 030 J252 U
LABORATORY OVEN - 400 Lt - Stainless Steel	G 030 J400 U
LABORATORY OVEN - 500 Lt - Stainless Steel	G 030 J500 U
LABORATORY OVEN - 600 Lt - Stainless Steel	G 030 J600 U
LABORATORY OVEN - 750 Lt - Stainless Steel	G 030 J750 U
LABORATORY OVEN - 1000 Lt - Stainless Steel	G 030 J01K U
SMART LABORATORY OVEN - 1000 Lt	G 031 X01K U

LABORATORY OVEN - 2000 Lt - Stainless Steel	G 030 J02K U
SMART LABORATORY OVEN - 80 Lt	G 031 X080 U
SMART LABORATORY OVEN - 120 Lt	G 031 X120 U
SMART LABORATORY OVEN - 250 Lt	G 031 X250 U
SMART LABORATORY OVEN - 250 Lt	G 031 X252 U
SMART LABORATORY OVEN - 400 Lt	G 031 X400 U
SMART LABORATORY OVEN - 500 Lt	G 031 X500 U
SMART LABORATORY OVEN - 600 Lt	G 031 X600 U
SMART LABORATORY OVEN - 750 Lt	G 031 X750 U
SMART LABORATORY OVEN - 2000 Lt	G 031 X02K U
SMART LABORATORY OVEN - 80 Lt - Stainless Steel	G 031 J080 U
SMART LABORATORY OVEN - 120 Lt - Stainless Steel	G 031 J120 U
SMART LABORATORY OVEN - 250 Lt - Stainless Steel	G 031 J250 U
SMART LABORATORY OVEN - 250 Lt (Double Door, Benchtop) - Stainless Steel	G 031 J252 U
SMART LABORATORY OVEN - 400 Lt - Stainless Steel	G 031 J400 U
SMART LABORATORY OVEN - 500 Lt - Stainless Steel	G 031 J500 U
SMART LABORATORY OVEN - 600 Lt - Stainless Steel	G 031 J600 U
SMART LABORATORY OVEN - 750 Lt - Stainless Steel	G 031 J750 U
SMART LABORATORY OVEN - 1000 Lt - Stainless Steel	G 031 J01K U
SMART LABORATORY OVEN - 2000 Lt - Stainless Steel	G 031 J02K U
SHELF for LABORATORY OVEN - 80 Lt (All Models)	G 030 P002 H
SHELF for LABORATORY OVEN - 120 Lt (All Models)	G 030 P003 H
SHELF for LABORATORY OVEN - 250 Lt (All Models)	G 030 P004 H
SHELF for LABORATORY OVEN - 250 Lt (Double Door, Benchtop) (All Models)	G 030 P005 H

SHELF for LABORATORY OVEN - 400 Lt (All Models)	G 030 P006 H
SHELF for LABORATORY OVEN - 500 Lt (All Models)	G 030 P007 H
SHELF for LABORATORY OVEN - 600 Lt (All Models)	G 030 P008 H
SHELF for LABORATORY OVEN - 750 Lt (All Models)	G 030 P009 H
SHELF for LABORATORY OVEN - 1000 Lt (All Models)	G 030 P010 H
TROLLEY for LABORATORY OVEN - 2000 Lt (All Models)	G 030 P011 H

**OTHER PHOTOS**



