MINI FORCED-AIR INCUBATOR

A compact benchtop incubator with a 15.6 L mirror-polished stainless steel chamber, digital PID control and a six-level fan for even heat from RT+5°C to 70°C.

DIGITAL PID CONTROLLER

Microprocessor control with an LCD readout of set and actual temperature.

DOUBLE-DOOR DESIGN

Insulated outer door with a tempered glass inner door.



VIEWING WINDOW

Check samples at a glance without opening the chamber.

304 STAINLESS INTERIOR

Mirror-polished tank with 2 shelves included (holds up to 3).

SIX-LEVEL FORCED AIR

An adjustable fan circulates heated air for uniform temperature throughout the chamber.

PT100 SENSOR

A platinum resistance sensor feeds the PID loop for ±0.5°C control accuracy.

0–9999 MIN TIMER

Program timed incubations of up to 9999 minutes from the controller.

THERMOMETER PORT

A dedicated access port takes an external probe to verify chamber temperature.

ADJUSTABLE EXHAUST

Vent moisture and air from the chamber as your protocol requires.

COMPACT FOOTPRINT

A 15.6 L chamber in a mini benchtop body that fits a crowded bench.

15.6 L	RT+5–70°C	±0.5°C	300 W
CHAMBER VOLUME	TEMPERATURE RANGE	ACCURACY	POWER

EVEN, STABLE HEAT IN A MINI FOOTPRINT

The Novara™ IF-16 is a benchtop forced-air incubator built around a 15.6 L chamber of mirror-polished 304 stainless steel. A six-level adjustable fan moves heated air through the chamber, and a PT100 sensor feeds a digital PID microprocessor controller that holds temperature to ±0.5°C.

Set point and actual temperature show on the LCD display, and the built-in timer runs from 0 to 9999 minutes. A tempered glass inner door lets you view samples while the chamber stays closed, and a dedicated thermometer port lets you check temperature with an independent probe.

BUILT FOR DAILY BENCH USE

Two shelves come standard and the chamber accepts a third; each shelf carries up to 33 lb (15 kg). The adjustable exhaust port vents moisture, and the stainless inner tank and partition wipe clean between runs. Typical uses include cell culture, microbiology incubation and sample conditioning.

SPECIFICATIONS

Chamber volume	15.6 L
Temperature range	RT+5°C to 70°C
Accuracy / uniformity	±0.5°C / ±2% at 70°C
Control	PT100 sensor, digital PID, LCD
Air circulation	Forced air, 6 fan levels
Timer	0–9999 min
Shelves	2 included (max 3), 33 lb each
Interior	304 stainless steel
Doors	Outer door + glass inner door
Ports	Thermometer port, exhaust port
Chamber dimensions	9.8 × 9.8 × 9.8 in
Power	120 V, 60 Hz, 300 W
Net weight	48.5 lb (22 kg)

ORDERING INFORMATION

Catalog no.	Description
IF-16	Novara™ Mini Forced-Air Incubator, 16L, 120 V



HOW TO USE

1 LOAD SAMPLES

Place samples on the shelves with space around them for airflow, then close both doors.

2 SET TEMPERATURE AND TIME

Enter the set point and run time on the PID controller and choose a fan level for your samples.

3 MONITOR THE RUN

Read actual temperature on the LCD, or verify it with a probe through the thermometer port.