

-40°C DEEP FREEZERS

IG-DF Series



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

iGene Labserve deep freezer combine microprocessor-controlled temperature with a state-of-the-art design that delivers a true fan-circulated convection. Our Deep Freezer are designed for convenient and safe use in many applications such as Animal & Plant Cell Culture, Constant Temperature, Germination Test.

FEATURES

- ✦ Advanced, Adaptive, Microprocessor Control resulting in Superior Temperature Accuracy
- ✦ High-Quality LED Display with bright and clear visuals.
- ✦ High Quality Compressor with advanced technology and long life.
- ✦ CFC-free(134A) Refrigeration System
- ✦ Corrosion Resistant 304 Stainless Steel Chamber and Shelves
- ✦ 3 Stainless Steel Shelves are included
- ✦ Over Temperature Alarm Mechanism



SPECIFICATIONS

Temperature range	-10° C to -40° C
Temperature accuracy	±0.5° C
Temperature Uniformity	±0.1° C
Temperature controller	Dual display PID controller
Temperature sensor	PT100
Inner chamber	SS 304
External cabinet	Powder coated GI sheet
Insulation	Glass wool
Door	Insulated door Mechanical latch / clamp
Heaters	Resistance wire heaters
Shelves	SS wire mesh (removable)
Standard fittings	Mains on/off switch Load Indicator Fan on/off switch
Power supply	220 Volts 50Hz
Optional	GMP construction (Inner & outer SS304) PLC + HMI controller w/ USB interface 21 CFR Part 11 software Data logger w/ USB interface Thermal printer Inner chamber LED light

ORDERING INFORMATIONS:

Model no.	Size (Inches)	Volume	Shelves
IG-216DF	24 x 24 x 24	216 Liters	3
IG-270DF	24 x 24 x 30	270 Liters	3
IG-324DF	24 x 24 x 36	324 Liters	3
IG-405DF	24 x 30 x 36	405 Liters	5
IG-500DF	30 x 30 x 36	500 Liters	6
IG-600DF	30 x 30 x 42	600 Litres	7