



NU-5100 INCUBATOR

DURAFLOW INCUBATOR

DuraFlow Specifications

DIMENSIONS

Exterior:

30.0" [762.0 mm] Height
23.0" [584.2 mm] Width
23.5" [596.9 mm] Depth

Interior:

22.0" [558.8 mm] Height
18.0" [457.2 mm] Width
19.0" [482.6 mm] Depth

Volume:

4.4 ft.³ [120 liters]

Net Weight:

135 lbs. [62.3 kg]

Inventory System

Shelf Size - W x D:

16.25" x 18.0" [412.8mm x 457.2mm]

Std. Shelves:

3 [16 shelves maximum]

Removable inner chamber plenum,
shelves and rails

Utility Connections

Gas Connections:

1/4" [6.3 mm] tubing connections

Gas Input Pressure:

20PSIG [1.4 BAR]

Two stage gas regulator required

Electrical Requirements

Model NU-5100

115 VAC, 60 Hz, single phase;
Startup power 130 watts
Running power at 37°C
Set-point 75 watts
Heat rejected 10 BTU/min.
230VAC 50/60 Hz, add the suffix "E"
[ex. NU-5100E]

Performance Specifications

Temperature Range:

18°C - 55°C

Maintains 5°C above ambient to a
30°C ambient maximum

Temperature Uniformity:

±0.5°C at 37°C

Temperature Accuracy:

±0.25°C

CO₂ Range:

0 to 20%

CO₂ Accuracy:

±0.25%

Temperature Recovery:

.15°C / minute

Door Heater Control:

Proportional 0-100%

Standard Features:

Digital Thermo Conductivity
CO₂ gas sensor
Microcomputer-based control
Full size 17" x 12" water pan
3 polished stainless steel shelves
Heavy duty leg levelers
Remote alarm contacts
Precision Integrated Circuit
temperature sensor
Replaceable fan wheel
Replaceable HEPA filter
Tempered inner glass door
Stainless steel plenums
Eight-foot [2.5 m] power cord
Spool type gas solenoid valve
CRL crosslink high density
chamber wall insulation
All silicon tubing

Optional Features and Accessories:

Automatic Internal Tank Switch
RS-232 Communication Output
Additional Shelves
External CO₂ Tank Alarm
External Tank Switch
Surge Protector
3 Inner Lexan Doors

DURAFLOW INCUBATOR - NU5100

User friendly touchpad
Microprocessor Control
with LCD digital display

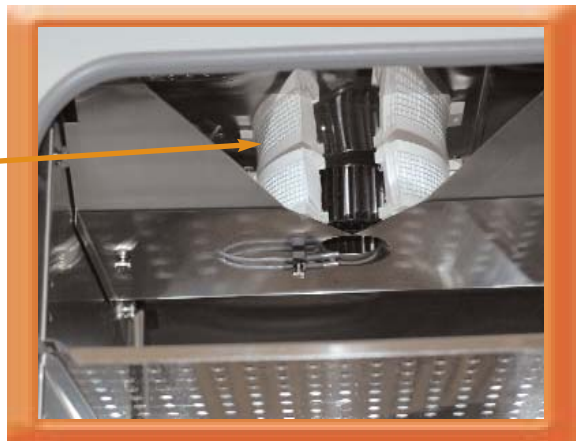
Field reversible inner and outer door



Fully autoclaveable, easily removable
shelves, brackets and plenums

Rounded polished stainless steel
corners for easy cleaning

HEPA Filter provides ISO Class 5 Air quality in
the chamber within 5 minutes of a door opening



DURAFLOW



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