IN-VITROCELL ES

CO$_2$ INCUBATORS

The Safer Choice for Your Laboratory

MADE IN USA

NUAIRE

An accessory port is standard on all models providing power to accessories such as bottle rollers and flask shakers.

The inner glass door features a cam action door handle to create a tight seal against the gasket eliminating potential leaks saving gas and lowering operating costs.

The gasket flange on the inner door faces towards the laboratory environment keeping unwanted growth isolated from the growth chamber. The gasket may be removed and autoclaved separately if so desired.

CO$_2$ Incubators

About NuAire. For more than 45 years, NuAire has been committed to bringing you the highest-quality, most dependable laboratory products on the market. We are universally recognized as one of the world's leading providers of reliable equipment for the most demanding environments, including Biological Safety Cabinets, CO2 Incubators, Laminar Air Flow workstations, Ultra Low Temperature Freezers, Centrifuges, Animal Transfer Stations, Pharmacy Compounding Isolators, Polypropylene Fume Hoods, Polypropylene Casework, and a variety of complementary products and systems. You can depend on our products to feature brilliant but practical design, and we pay keen attention to every step of the production process, from fabrication to assembly to thorough testing. As a NuAire customer, you can also rely on us for outstanding value and dependable service - the cornerstones of our reputation as the leading provider of laboratory products internationally.

In-VitroCell ES (Energy Saver) CO$_2$ Incubators are designed to provide a reliable controlled in-vitro environment for optimum tissue cell culture growth as well as the storage and preservation of gametes and animal tissue cell cultures intended for research at or near body temperature. In-VitroCell CO$_2$ Incubators provides accurate and precise control of humidity, temperature, CO$_2$, and sterility.

NU-5700
Direct Heat CO$_2$ Incubator
5.65 Ft3 (160 Liter)

NU-5800
Direct Heat CO$_2$ Incubator
7 ft3 (200 Liter)

NU-8600
Water Jacketed CO$_2$ Incubator
5.65 Ft3 (160 Liter)

NuTouch Electronic Control System

The NuTouch Electronic Control System (ECS) is a color 127 x 178 mm (5 x 7-inch) touchscreen designed for high user adoption. Designed after smart-phone technology, NuTouch creates a unique product experience providing an easy method to control, monitor, and notify. Help screens offer a step-by-step guide to assist in procedures such as running a sterilization cycle. User activated help pop-up descriptions are available if an item or icon is unclear. For example, pressing the text "CO_2" on the main screen provides the description "This control setting specifies the measured current value of Carbon Dioxide (CO_2) inside the Incubator Chamber."

Feature Highlights:

- Available in English, Spanish, German & French
- Customizable service reminders
- Alarm notifications
- Visual history performance
- On-screen help
- Password protection
- USB Port - Easily download historical data and update software
- Power Recovery Mode - Assists with the dissipation of condensation in the event of a power outrage
- Temperature Recovery Mode - Activated in the event of continuous chamber temperature loss, increased power is routed to heaters until chamber temperature returns to normal
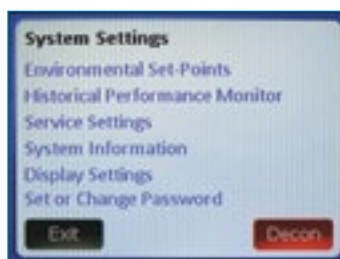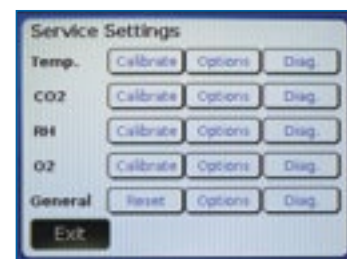
Sample NuTouch Control Screens:
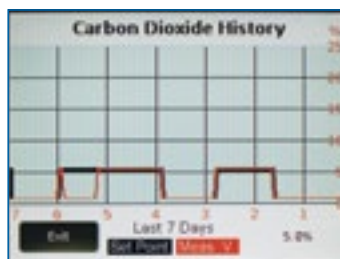
CO_2 History provides a 7-day report of CO_2 performance as it relates to system set point.
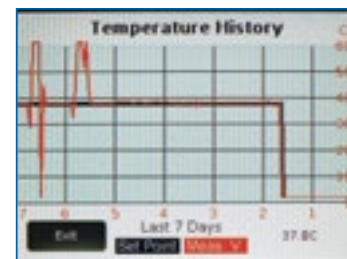
Temperature History provides a 7-day report of temperature performance as it relates to system set point.

System Settings menu allows access to CO_2 incubator information such as performance, service, system information, and more.

Service Settings allows service personnel to calibrate system parameters and diagnose service difficulties.

Rounded interior corners in the growth chamber promote more thorough cleaning by eliminating tight crevasses found in 90-degree corners.

Contamination-Free Design

Construction

The growth chamber is constructed of 16 gauge, type 304L polished stainless steel using a crevice-free design. The growth chamber walls are completely smooth with rounded corners which allow more complete contact between the chamber surface and cleaning solutions than a typical 90-degree corner. Shelving, supports and guide rails are easily removable and can be autoclaved or left in the chamber during a sterilization cycle.

Dual Sterilization Cycles

In-VitroCell Direct Heat CO_2 Incubators offer a 145°C high-temperature dry cycle, and a 95°C high-temperature humidified cycle to eradicate potential contamination left over in the chamber from user interaction. Each cycle can be run as an overnight procedure as part of a regular cleaning plan, perfect when switching cell lines. The NuTouch ECS provides step by step directions how to initiate the sterilization process. Interior components such as shelving can remain in the chamber during the sterilization process.
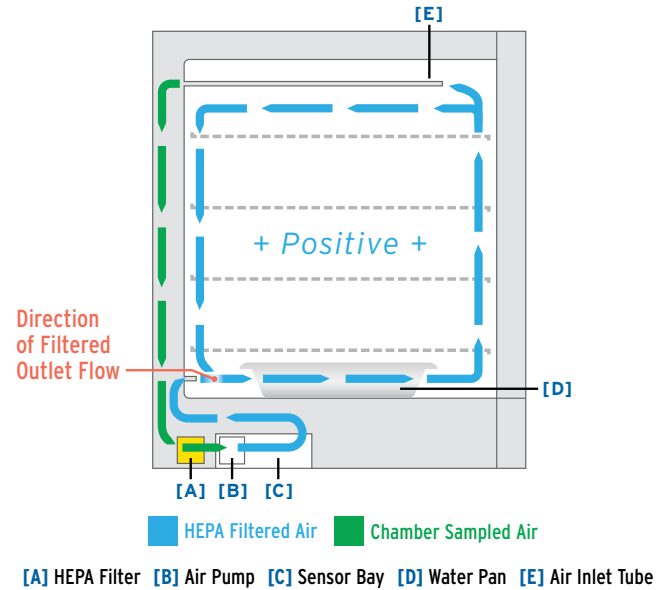
Featured on Sterilization Cycle models only.

95°C
HUMIDIFIED
DECONTAMINATION

145°C
DRY
DECONTAMINATION

Closed Loop HEPA Filtration

Keep Contamination Out

In-VitroCell CO2 incubators are designed with characteristics similar to an ISO Class 5 Clean Room. The growth chamber maintains a slightly positive pressure relative to the surrounding lab, preventing entry of contaminants. Recirculated chamber air and supply gas pass through 99.99% HEPA filters, and the air change rate is once every 20 to 30 minutes to minimize cell desiccation. A sensor bay continually samples the chamber environment and makes adjustments when needed.

[E]

+ Positive +

Direction of Filtered Outlet Flow

[D]

[A] [B] [C]

■ HEPA Filtered Air   ■ Chamber Sampled Air

[A] HEPA Filter [B] Air Pump [C] Sensor Bay [D] Water Pan [E] Air Inlet Tube

Airflow pattern within the incubator, and sensor bay continuously sampling the growth environment. ▶

The Closed Loop HEPA filtration system includes filters outside the growth chamber, convenient to service or replace, with minimal change to the growth environment. ▼

Copper Surfaces

Reduce the risk of contamination with the option of a growth chamber fabricated from copper

Copper Option

Add copper surfaces to the incubator growth chamber and shelving to reduce bacteria and minimize potential incubator contamination.

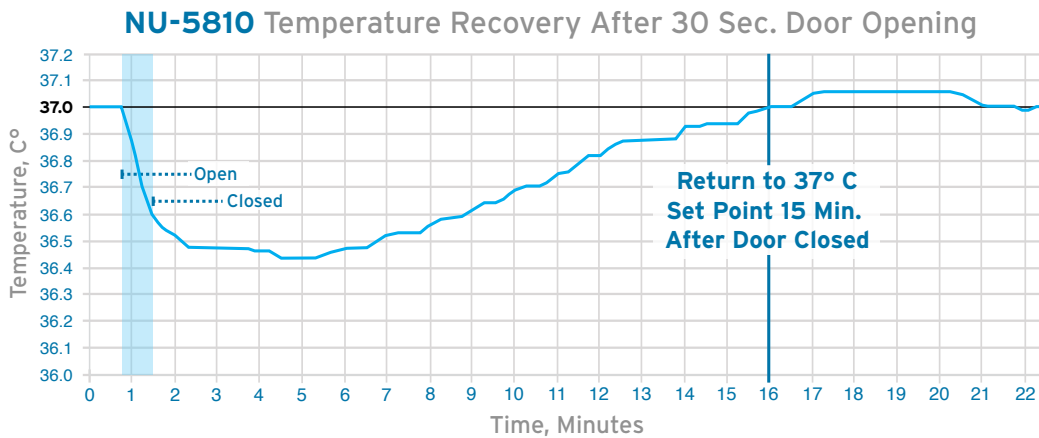Shelves and water pans fabricated from copper are available as options.

Because your samples matter, In-VitroCell CO$_2$ Incubators from NuAire offer the fastest recovery times in the industry.

Temperature Uniformity and Recovery

The Direct heating elements or the water jacket are wrapped in R5 insulation which surrounds the growth chamber. Dual temperature sensor probes relay information back to the NuTouch Electronic Control System and make adjustments as needed.

NU-5810 Temperature Recovery After 30 Sec. Door Opening

Temperature, C°

Open
Closed

Return to 37° C
Set Point 15 Min.
After Door Closed

Time, Minutes

SET POINT

0.12 °C
PER MINUTE
(Average)

TEMPERATURE

Temp. Chamber Temperature Uniformity (Direct Heat): ±0.3°C @ 37°C   Temperature Accuracy: ±0.1%   Temperature Recovery: 0.12°C/Min. Ave.

Chamber Temperature Uniformity (Water Jacketed): ± 0.2°C @ 37°C   Temperature Accuracy: ± 0.1%   Temperature Recovery: 0.12°C/Min. Ave.

CO$_2$ Sensitivity and Accuracy

Sensitivity and Accuracy of Gas Control

A microprocessor-based, non-dispersive, single source dual wave infrared (IR) sensor controls CO$_2$ levels within the chamber. The wavelengths used are absorbed by only CO$_2$ making the measurement insensitive to other components such as water vapor. Advanced design provides a very stable output minimizing drift and requiring less frequent calibration.

NU-5800 Series CO$_2$ 30s Door Opening Recovery

Door is Closed

Meets Recovery Specification

CO$_2$ Percentage Recovered 5.3 Minutes After Door Opening

Door Open Recovery Delay Ends

Time, Minutes
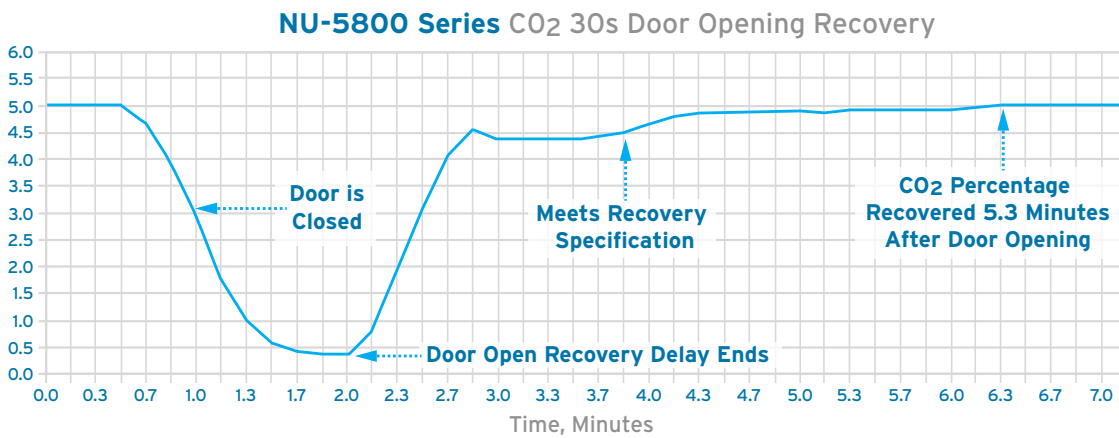
SET POINT

UP TO
5%
+0.2% / -0.5%
IN 5 MINUTES
(Average)
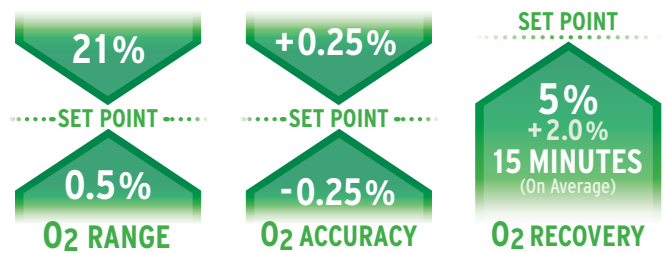**CO$_2$**

CO$_2$ Range: **0.1 to 20%**   Accuracy: **± 0.1%**   Recovery: **Up to 5% -0.50% / +0.20% in 5 Minutes Average**

ES

O_2 and Relative Humidity Control

Oxygen Control - Hypoxic Studies

For more sensitive cells lines prone to stress and DNA damage, CO_2 Incubator models featuring Oxygen control utilize an O_2 sensor to monitor oxygen in the growth chamber. Nitrogen (N_2) gas is injected to suppress oxygen to set point. An extensive O_2 range applies to various research applications including the brain, eyes, liver, heart, kidneys, and more.
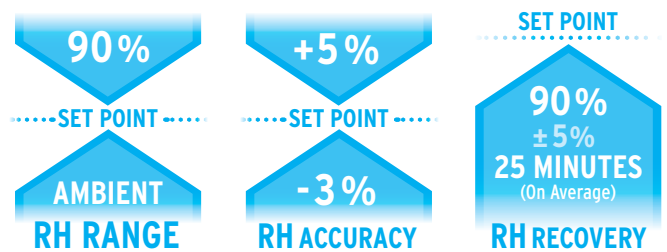
Featured on O_2 Control models only.

| | 21% |
| SET POINT |
| 0.5% |
| **O_2 RANGE** |

| | +0.25% |
| SET POINT |
| -0.25% |
| **O_2 ACCURACY** |

SET POINT
5%
+2.0%
15 MINUTES
(On Average)
O_2 RECOVERY

O_2 — Range: **0.5 to 21%** Accuracy: **±0.25%** Recovery: **5% ± 2.0% within 15 Minutes**

Humidity Control

Relative humidity levels up to 90% are achieved in the growth chamber through the use of a 3-liter reservoir external to the chamber. The chamber air is routed through the water vapor saturated the air in an evaporate box to add humidity when the RH sensor indicates more humidity is needed to meet set point.

Featured on RH models only.

90%
SET POINT
AMBIENT
RH RANGE

+5%
SET POINT
-3%
RH ACCURACY

SET POINT
90%
±5%
25 MINUTES
(On Average)
RH RECOVERY

RH — Range: **Ambient to 90%** Accuracy: **+5% / -3%** Recovery: **5% within 25 Minutes**

Selection Guide

NU-5700   NU-5800   NU-8600

Model	Chamber Volume	Temperature Control	CO$_2$ Sensor	Sterilization Cycles	RH (Humidity) Control	O$_2$ Control
NU-5700	5.65 ft^3 (160 L)	Direct Heat	Dual Wave IR	–	Water Pan, Convection	–
NU-5710	5.65 ft^3 (160 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	–
NU-5720	5.65 ft^3 (160 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Reservoir, Sensor Controlled	–
NU-5731	5.65 ft^3 (160 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	Sensor (0.5 - 21%)
NU-5741	5.65 ft^3 (160 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Reservoir, Sensor Controlled	Sensor (0.5 - 21%)
NU-5800	7.06 ft^3 (200 L)	Direct Heat	Dual Wave IR	–	Water Pan, Convection	–
NU-5810	7.06 ft^3 (200 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	–
NU-5820	7.06 ft^3 (200 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Reservoir, Sensor Controlled	–
NU-5831	7.06 ft^3 (200 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Water Pan, Convection	Sensor (0.5 - 21%)
NU-5841	7.06 ft^3 (200 L)	Direct Heat	Dual Wave IR	145°C Dry / 95°C Humidified	Reservoir, Sensor Controlled	Sensor (0.5 - 21%)
NU-8600	5.65 ft^3 (160 L)	Water Jacket	Dual Wave IR	–	Water Pan, Convection	–
NU-8631	5.65 ft^3 (160 L)	Water Jacket	Dual Wave IR	–	Water Pan, Convection	Sensor (0.5 - 21%)

Incubator Options
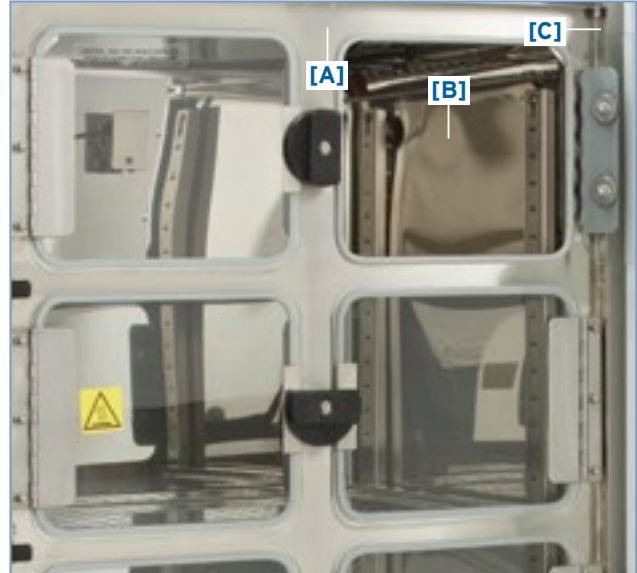
Gas Tight Sectioned Inner Doors

Sectioned inner doors allow access to separate area of the growth chamber. A latch centered between each set of doors allows access to either with a turn of 90 degrees. **[A]** Each door is sealed with a gasket **[B]**, and secured with a stainless steel hinge **[C]**. This option improves recovery times by limiting thermal loss and the amount of chamber atmosphere escaping when the main door is opened.

NU-5700/5800 Series

NU-8600 Series

◄ Brackets. Safely stack In-VitroCell Direct Heat and Water Jacketed CO_2 Incubators.

Left Hinge Door Swing

Model	Inner Door Sections
NU-58XX	6 Sections
NU-57XX **NU-86XX**	4 Sections

Stainless Steel Shelves

Copper Shelves

Copper Water Pan

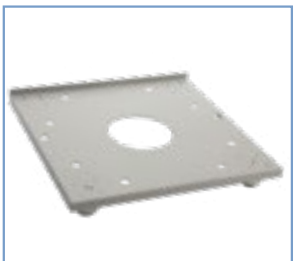Automatic Tank Switch

Single Stage CO_2 Regulator

Two Stage CO_2 Regulator

Two Stage N_2 Regulator

Tubing Kit

Platform with Castors / Leg Levelers

Moisture Proof Duplex Outlet can be used inside the growth chamber to power equipment such as a shaker or roller.

CO_2 Analyzer Fyrite Kit (Dry)
- or -
O_2 Analyzer Fyrite Kit (Dry) 0-20%

Surge Suppressor

Direct Heat model NU-5700

Model NU-5700 shown featuring add on accessory Platform with Castors / Leg Levelers

Model	Chamber Volume	Electrical Configuration	Exterior Dimensions (W x D x H)	Chamber Dimensions (W x D x H)	Net Weight
NU-57XX	5.65 ft^3 (160 L)	115V, 50/60Hz E: 230V, 50/60Hz	25 1/2 x 27 1/2 x 36 1/8 in (648 x 699 x 894 mm)	20 1/4 x 20 1/2 x 24 in (514 x 525 x 610 mm)	220 lbs. (100 kg.)

* Specify models with appropriate letter suffix for electrical specifications. "NU-5700E" for 230 VAC 50/60 Hz

Size: 18" x 18 ¾" (457 x 476 mm)   **Supplied:** 4 Shelves   **Max. Capacity:** 16 Shelves   **Max. Weight Capacity:** 25 lbs. (9 kg) per Shelf / 125 lbs. (23 kg) per Incubator

Standard Features

NuTouch Electronic Control System

100% Stainless Steel Coved Interior Chamber

Dual Temperature Sensor Probes

Infrared (IR) CO_2 Sensor

Dual Sterilization Cycles (NU-5710, 5720, 5731, 5741)

Humidity Control System (NU-5720, 5741)

O_2 Control System (NU-5731, 5741)

Four (4) Stainless Steel Shelves

Eight (8) Stainless Steel Shelf Guides

Four (4) Wall Brackets

Right Hinged Door Swing

Remote Alarm Output Contacts

4 to 20 mA Analog Output

RS-485 Communication

USB Port

CO_2 Sample Port

Adjustable Leg Levelers

Access Port and Plug with Breather Holes

One (1) Water Pan

One (1) Electrical Cord

Optional Features

Copper Surface (Interior Chamber)

Copper Surface (Shelving and Guide Brackets)

Automatic CO_2 Tank Switch (External)

Left Hinged Door Swing

Sectioned Inner Door (4 Sections)

Additional Stainless Steel Shelves with Guide Brackets

CO_2 Analyzer Fyrite Kit (Dry) 0-20%

Replacement Fluid for CO_2 Analyzer

Surge Protector

CO_2 Regulator (2 Stage)

N_2 Regulator (2 Stage)

Platform with Castors

Electrical Requirements

Startup Power: 475 watts

Running Power: 250 watts

Decon Cycle: 750 watts

Heat Rejected: 14 BTU / min.

Utility Connections

Gas Connections: 0.25 in. (6.3 mm) Tubing Connections

Gas Input Pressure: 20 PSIG (1.4 BAR) Input Pressures Maximum. Two-Stage Gas Regulators Required.

Temperature Control System

Temperature Sensor Type: Precision Integrated Circuit

Default Set Point: 37°C

Chamber Temperature Range: 5°C to 55°C (5°C Above Ambient to 30°C Max. Ambient)

Chamber Temperature Uniformity: ± 0.3°C @ 37°C

Temperature Accuracy: ± 0.1°C

Temperature Recovery: 0.12°C/Minute Average

Temperature Display Resolution: 0.1°C

Minimum Qualifications for Sterilization: 145 DEG Cycle 135°C @ 2 hr 95 DEG Cycle 85°C @ 9 hr

Door and Perimeter: Proportional base duty cycle based on Temperature set point and -20 to +20% manually adjustable to adapt to ambient conditions.

CO_2 Control Systems

CO_2 Sensor Type: Infrared Single Source Dual Wave Length

CO_2 Control Logic: Fixed Algorithm / Manual Environmental Adaptable.

Default Set Point: 5%

CO_2 Range: 0.1 to 20%. (0.0 Set Point Idles System)

CO_2 Accuracy: ± 0.1%

CO_2 Recovery: Up to 5% -0.50% / +0.20% in 5 Minutes Average.

CO_2 Display Resolution: 0.1%

RH (NU-5720 / 5741)

Default Set-Point: 90%

RH Range: Ambient to 90%

RH Accuracy: +5% / -3%

RH Recovery: 90% + 5% 25 min.

Water Tank Capacity: 3 Liters

O_2 (NU-5731 / 5741)

Zirconia Ceramic Sensor Default Set-Point: 21%

O_2 Range: 0.5 to 21%

O_2 Accuracy: ± 0.25%

O_2 Recovery: 5% ± 2% / 15 min.

Direct Heat model NU-5800

Model NU-5800 shown featuring add on accessory Platform with Castors / Leg Levelers

Model	Chamber Volume	Electrical Configuration	Exterior Dimensions (W x D x H)	Chamber Dimensions (W x D x H)	Net Weight
NU-58xx	7.06 ft^3 (200 L)	115V, 50/60Hz E: 230V, 50/60Hz	26 3/4 x 27 x 39 1/2 in (680 x 691 x 1008 mm)	21 1/4 x 20 x 28.5 in (540 x 510 x 724 mm)	235 lbs. (106 kg.)

* Specify models with appropriate letter suffix for electrical specifications. "NU-5700E" for 230 VAC 50/60 Hz

Size: 19 ¾" x 18 ¾" (502 x 476 mm) **Supplied:** 4 Shelves **Max. Capacity:** 20 Shelves **Max. Weight Capacity:** 25 lbs. (9 kg) per Shelf / 125 lbs (23 kg) per Incubator

Standard Features

NuTouch Electronic Control System

100% Stainless Steel Coved Interior Chamber

Dual Temperature Sensor Probes

Infrared (IR) CO_2 Sensor

Dual Sterilization Cycles (NU-5810, 5820, 5831, 5841)

Humidity Control System (NU-5820, 5841)

O_2 Control System (NU-5831, 5841)

Four (4) Stainless Steel Shelves

Eight (8) Stainless Steel Shelf Guides

Four (4) Wall Brackets

Right Hinged Door Swing

Remote Alarm Output Contacts

4 to 20 mA Analog Output

RS-485 Communication

USB Port

CO_2 Sample Port

Adjustable Leg Levelers

Access Port and Plug with Breather Holes

One (1) Water Pan

One (1) Electrical Cord

Optional Features

Copper Surface (Interior Chamber)

Copper Surface (Shelving and Guide Brackets)

Automatic CO_2 Tank Switch (External)

Left Hinged Door Swing

Sectioned Inner Door (6 Sections)

Additional Stainless Steel Shelves with Guide Brackets

CO_2 Analyzer Fyrite Kit (Dry) 0-20%

Replacement Fluid for CO_2 Analyzer

Surge Protector

CO_2 Regulator (2 Stage)

N_2 Regulator (2 Stage)

Platform with Castors

Electrical Requirements

Startup Power: 625 watts

Running Power: 250 watts

Decon Cycle: 995 watts

Heat Rejected: 14 BTU / min.

Utility Connections

Gas Connections: 0.25 in. (6.3 mm) Tubing Connections

Gas Input Pressure: 20 PSIG (1.4 BAR) Input Pressures Maximum. Two-Stage Gas Regulators Required.

Temperature Control System

Temperature Sensor Type: Precision Integrated Circuit

Default Set Point: 37°C

Chamber Temperature Range: 5°C to 55°C (5°C Above Ambient to 30°C Max. Ambient)

Chamber Temperature Uniformity: ± 0.3°C @ 37°C

Temperature Accuracy: ± 0.1°C

Temperature Recovery: 0.12°C/Minute Average

Temperature Display Resolution: 0.1°C

Minimum Qualifications for Sterilization: 145 DEG Cycle 135°C @ 2 hr 95 DEG Cycle 85°C @ 9 hr

Door and Perimeter: Proportional base duty cycle based on Temperature set point and -20 to +20% manually adjustable to adapt to ambient conditions.

CO_2 Control Systems

CO_2 Sensor Type: Infrared Single Source Dual Wave Length

CO_2 Control Logic: Fixed Algorithm / Manual Environmental Adaptable.

Default Set Point: 5%

CO_2 Range: 0.1 to 20%. (0.0 Set Point Idles System)

CO_2 Accuracy: ± 0.1%

CO_2 Recovery: Up to 5% -0.50% / +0.20% in 5 Minutes Average.

CO_2 Display Resolution: 0.1%

RH (NU-5820 / 5841)

Default Set-Point: 90%

RH Range: Ambient to 90%

RH Accuracy: +5% / -3%

RH Recovery: 90% + 5% 25 min.

Water Tank Capacity: 3 Liters

O_2 (NU-5831 / 5841)

Zirconia Ceramic Sensor

Default Set-Point: 21%

O_2 Range: 0.5 to 21%

O_2 Accuracy: ± 0.25%

O_2 Recovery: 5% ± 2% / 15 min.

IN-VITROCELL es

Water Jacket model NU-8600

Model NU-8600 shown featuring add on accessory Platform with Castors / Leg Levelers

Model	Chamber Volume	Electrical Configuration	Exterior Dimensions (W x D x H)	Chamber Dimensions (W x D x H)	Net Weight (with water and shelving)
NU-86XX	5.65 ft^3 (160 L)	115V, 50/60Hz E: 230V, 50/60Hz	25 $5/8$ x 27 x 37 $3/4$ in (650 x 685 x 958 mm)	20 $3/8$ x 20 $5/8$ x 24 in (518 x 524 x 611 mm)	403 lbs. (183 kg.)

* Specify models with appropriate letter suffix for electrical specifications. "NU-5700E" for 230 VAC 50/60 Hz

Size: 18" x 18 ¾" (457 x 476 mm) **Supplied:** 4 Shelves **Max. Capacity:** 16 Shelves **Max. Weight Capacity:** 25 lbs. (9 kg) per Shelf / 125 lbs. (23 kg) per Incubator

Standard Features

NuTouch Electronic Control System

100% Stainless Steel Coved Interior Chamber

Dual Temperature Sensor Probes

Infrared (IR) CO_2 Sensor

O_2 Control System (NU-8631)

Four (4) Stainless Steel Shelves

Eight (8) Stainless Steel Shelf Guides

Four (4) Wall Brackets

Right Hinged Door Swing

Remote Alarm Output Contacts

4 to 20 mA Analog Output

RS-485 Communication

USB Port

CO_2 Sample Port

Adjustable Leg Levelers

Access Port and Plug with Breather Holes

One (1) Water Pan

One (1) Electrical Cord

Optional Features

Copper Surface (Interior Chamber)

Copper Surface (Shelving and Guide Brackets)

Automatic CO_2 Tank Switch (External)

Left Hinged Door Swing

Sectioned Inner Door (4 Sections)

Additional Stainless Steel Shelves with Guide Brackets

CO_2 Analyzer Fyrite Kit (Dry) 0-20%

Replacement Fluid for CO_2 Analyzer

Surge Protector

CO_2 Regulator (2 Stage)

N_2 Regulator (2 Stage)s

Platform with Castors

Electrical Requirements

Startup Power: 475 watts

Running Power: 250 watts

Heat Rejected: 14 BTU / min.

Utility Connections

Gas Connections: 0.25 in. (6.3 mm) Tubing Connections

Gas Input Pressure: 20 PSIG (1.4 BAR) Input Pressures Maximum. Two-Stage Gas Regulators Required.

Temperature Control System

Temperature Sensor Type: Precision Integrated Circuit

Default Set Point: 37°C

Chamber Temperature Range: 5°C to 55°C (5°C Above Ambient to 30°C Max. Ambient)

Chamber Temperature Uniformity: ± 0.2°C @ 37°C

Temperature Accuracy: ± 0.1°C

Temperature Recovery: 0.12°C/Minute Average

Temperature Display Resolution: 0.1°C

Door and Perimeter: Proportional base duty cycle based on Temperature set point and -20 to +20% manually adjustable to adapt to ambient conditions.

CO_2 Control Systems

CO_2 Sensor Type: Infrared Single Source Dual Wave Length

CO_2 Control Logic: Fixed Algorithm / Manual Environmental Adaptable.

Default Set Point: 5%

CO_2 Range: 0.1 to 20%. (0.0 Set Point Idles System)

CO_2 Accuracy: ± 0.1%

CO_2 Recovery: Up to 5% -0.50% / +0.20% in 5 Minutes Average.

CO_2 Display Resolution: 0.1%

O_2 (NU-8631)

Zirconia Ceramic Sensor

Default Set-Point: 21%

O_2 Range: 0.5 to 21%

O_2 Accuracy: ± 0.25%

O_2 Recovery: 5% ± 2% / 15 min.

Complete Your Laboratory

NuAire offers a variety of Laboratory Equipment to meet the needs of the research, vivarium, pharmacy, or environmental laboratory and more. Join the NuAire family and complete your laboratory with complementary NuAire Quality products.

LABGARD
Biological Safety Cabinets

IN-VITROCELL ES
CO_2 Incubators

NUWIND
Centrifuges

himac CENTRIFUGES

Mini-Centrifuges

BLIZZARD
Ultralow Freezers

AIREGARD ES
Laminar Airflow Workstations

PHARMAGARD ES
Compounding Isolators

ALLERGARD ES
Animal Laboratory Products

Polypropylene Fume Hoods and Casework

Custom Solutions