

PORTABLE INCUBATOR NQPLUS SERIES

Darwin Chambers Portable Incubators NQPlus Series have several uses, such as:

- Transporting Blood samples
- Water Treatment Research
- Maintaining Microbiological Cultures for Cell Research

The new NQPlus Series removes the possibility of blood and/or dangerous chemicals getting into the component case. Our newer secure latch lid provides safer sample transportation and prevents accidental openings. As an added option, we have incorporated lightweight Lithium-Iron Phosphate (LFP) battery technology to power the unit on battery power alone. This will be useful anywhere a 120V or 12V power supply is not available. For longer periods of time, extra battery power can be added if required for your incubator needs.

Construction

- Top-opening, hinged and latch lid, with durable handles for easy carrying and transportation.
- Exterior: Double wall foam insulation, seamless high-density polyethylene, foamed-in-place closed-cell insulating material.
- Interior: One piece molded poly with coved floor for ease of cleaning.
- Unit completely pre-wired at factory, and includes a 12VDC car adapter and AC/DC power supply cord.

Capacity

- NQ07Plus Interior dimensions: 7.1" L x 9.8" W x 4.1" H. Exterior Dimensions: 10.3" L x 13.5" W x 9.8" H. Weight: 5.8 lbs.
- NQ09Plus Interior dimensions: 7.5" L x 10.6" W x 5.2" H. Exterior Dimensions: 9.6" L x 13.1" W x 10.7" H. Weight: 4.11 lbs
- NQ16Plus Interior dimensions: 8.9" L x 12.8" W x 6.1" H. Exterior Dimensions: 12.3" L x 16.9" W x 12.5" H. Weight: 8.2 lbs.
- NQ30Plus Interior dimensions: 10.5" L x 12.2" W x 10.3" H. Exterior Dimensions: 15.7" L x 21.4" W x 20" H. Weight: 15.9 lbs.
- NQ50Plus Interior dimensions: 11.6" L x 23.6" W x 10.6" H. Exterior Dimensions: 14.7" L x 28" W x 15" H. Weight: 18.4 lbs.
- NQ72Plus Interior dimensions: 13" L x 25.6" W x 12.4" H. Exterior Dimensions: 16.7" L x 29.8" W x 17.5" H. Weight: 22.4 lbs.



Features

- Heat only with a High/Low temperature cut off.
- Hinged and latch lid allows for a more secure transportation.
- NQ30Plus, NQ50Plus, & NQ72Plus attached oversized drain plug allows easy cleaning
- Standard, redundant high temperature over-ride.
- Ruggedized interface panel.
- Redundant power inlets.

Options

- Attached document pouch.
- Precision Liquid-In-Glass Verification Thermometer, 15/50C. NIST Traceable.
- Test tube rack
- Optional battery pack
 - Ultra-lightweight. Less than 1/4 the weight of comparable lead-acid battery.
 - The battery pack is approximately 3"(7.6cm) in additional width and weighs 3.2lbs (1.7kg).
 - Incredibly long battery life.
 - Lightweight Lithium-Iron Phosphate (LFP) Batteries are proven rugged
 - Li-Fe batteries are the standard type of batteries for motorcycle and automobile racing due to their weight, output, and reliability.
 - Safe. Unlike other lithium based batteries, Li-Fe batteries are not susceptible to overheating and spontaneous fire. Unlike lead-acid batteries, there is no lead or acid to worry about.



Warranty

Darwin Chambers Company offers a full 6 month warranty on all parts and labor for our NQPlus Series Portable Incubators.

Standard Specifications:

Temperature Range	Ambient +5°C to 37°C, ±1.0°C
Control Readout	Actual and Set-Point Values
Sensor	Type K Thermocouple
Controller	Microprocessor based
Calibration Capability	Yes, Actual and Set Values
Alarm	Visible
Alarm Type	Absolute Hi/Lo, 1°C increments
Cord Length	6'