

## 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

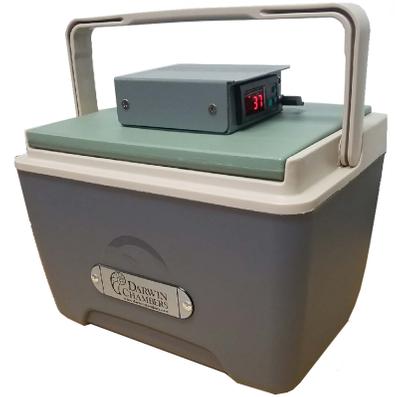
The new NQPlus Series removes the possibility of blood and/or dangerous chemicals getting into the component case. Our newer secure latch lid, provides safer sample transportation and prevents accidental openings. As an added option, we have incorporated lightweight Lithium-Iron Phosphate (LFP) battery 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/strap for easy carrying and transportation.
- Double wall foam insulation, seamless, exterior construction of high-density polyethylene, foamed-in-place, closed-cell insulation.
- Inside, 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. A sole use circuit required for charging.

### Capacity

- NQ7P Interior dimensions: 9.75" L x 7" W x 5.75" H. Exterior Dimensions: 13.6" L x 10.1" W x 8.5" H. Weight: 4.8 lbs.
- NQ9P Interior dimensions: 10.5" L x 7.5" W x 7" H. Exterior Dimensions: 13" L x 9.5" W x 9" H. Weight: 4.5 lbs
- NQ16P Interior dimensions: 12.7" L x 9" W x 8.3" H. Exterior Dimensions: 16.7" L x 12.8" W x 11.2" H. Weight: 6.64 lbs.
- NQ30P Interior dimensions: 13.5" L x 11.25" W x 12.5" H. Exterior Dimensions: 21.3" L x 18.5" W x 15.5" H. Weight: 13.6 lbs.
- NQ55P Interior dimensions: 23.4" L x 11.1" W x 11.4" H. Exterior Dimensions: 30.63" L x 17.88" W x 16.25" H. Weight: 26.8 lbs.



### Features

- Heat only with a High/Low temperature cut off.
- Hinged and latch lid allows for a more secure transportation.
- NQ30P & NQ55P attached oversized drain plug allows easy cleaning
- Standard, redundant high temperature over-ride.
- Ruggedized interface panel.
- Redundant power inlets.

### Options

- Attached document pouch.
- Petri dish rack
- Test tube rack
- Optional battery pack
  - Ultra-lightweight. Less than 1/4 the weight of comparable lead-acid battery.
  - Incredibly long battery life.
  - Lightweight Lithium-Iron Phosphate (LFP) Batteries are proven rugged
  - Chosen for motorcycle and automobile racing due to their weight, output, safety and reliability.



#### Standard Specifications:

Temperature Range	Ambient +3°C to 37°C, ±1.0°C
Control Readout	Actual Values
Sensor	Type K Thermocouple
Controller	Microprocessor based
Calibration Capability	Actual and Set Point Values
Alarm	Visible
Alarm Type	Absolute Hi/Lo, 1°C increments
Cord Length	6'

### Warranty

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