



5 Year Limited Warranty!

Nu/Clean
AquaBatch Jr.
Aqueous Batch Cleaner

The AquaBatch Jr. is a quiet, efficient batch cleaning system designed to remove all types of electronic assembly residues including, but not limited to: water soluble, RMA, no-clean and lead-free soldering fluxes; plating salts, finger soils, dust and loose solder balls.

Performance advantages come from high energy *Coherent Jet Technology* spray manifolds which deliver up to 5X more cleaning pressure than other nozzles. Touch screen controls make this an easy to use and yet robust system. The AquaBatch Jr. process chamber is laboratory grade stainless steel. The outer cabinet is an ergonomic design made from chemical resistant polypropylene with a color customizable bezel.



An automatic cleanliness tester is a standard feature that regulates rinsing to a programmable cleanliness level through the use of a built-in DI water resistivity monitor. The cleanliness monitor checks DI rinse resistivity and continues to rinse until desired cleanliness is met.

The AquaBatch has programmable wash and rinse temperature settings of up to 93° C (199° F) to soften and dissolve even the toughest organic and ionic residues. The “fast dry” heated, forced convection dryer provides strong drying performance.



Nu/Clean AquaBatch Jr. STANDARD SYSTEM

<u>Description</u>	<u>Unit Price</u>
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Nu/Clean AquaBatch Jr.	
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Open loop cleaning system (wash and rinse to drain)	
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Includes:

- “Fast Clean” multi-directional high energy jets for shorter wash and rinse times
- High energy jets are pressure rated up to 37 oz/ sq in
- 2 spray bars - *top and bottom*
- Easy to use Touch Screen Controls
- Adjustable wash and rinse temperatures to a maximum of 93° C, (199° F)
- Adjustable dry temperature cycles to 93° C, (200° F)
- Stainless Steel Construction (Type 304, #3 polished door interior & exterior)
- Polypro Chemical Resistant Cabinet
- Stainless Steel board rack) with 2 spindle racks to hold PCBs
- Glass window and interior light in door
- Built-in “Fast Dry” heated forced air (11,100 Watts)
- Heater rated at 6000 Watts, for heating, drying and steam cycles
- Recirculating Wash Pump @ 60 Hz (120 GPM)
- Resistivity Probe
- Separate Drain Pump
- Cleaning Process Chamber 482 mm x 482 mm x 482 mm (19” x 19” x 19”)
- Pump protection screen
- Quiet, energy efficient operation at <65 decibels
- Exhaust port
- E-stop button
- ESD ground strap plug
- Conformance standards: UL industrial control panel to UL 508 and CE

Specifications:

- Electrical: 208/240V, 50/60Hz, 67/ 57 FLA , 1 PH
- Exhaust: 350 CFM with damper
- Incoming Water: 60°C (140°F) Min. ; 5.7 L/min (1.5 GPM) Min. ; 138 kPa (20 PSI)
- Overall Dimensions are : 1168 mm (46”) x 927 mm (36.5”) x 1905mm (75”)
- Adjustable Load Height: approx. 965 mm x 1016 mm (38” – 40”)
- Shipping weight approximately 363 Kg (800 lbs.), installation weight approximately 272 Kg (600 lbs)



Nu/Clean AquaBatch Jr. AVAILABLE OPTIONS

<u>Description</u>	<u>Unit Price</u>
SYSTEM OPTIONS	
Upper Board Rack	
Light Tower	
External Software Package	
Containment Tray	
Refractometer – Digital	
Spare Parts Kit	
Additional manual (CD)	
Crating for International or Unique requirements	
Prepaid Freight to Continental United States	
Installation and Training (Continental US Only)	
Installation and Training (outside Continental US)	

DISCHARGE OPTIONS

Wastewater Evaporator
3 to 6 gallons/hour batch evaporation rate 85 gallon, heavy 12 gauge,
316L stainless steel tank 3/8" 316L Stainless steel plate floor with 2"
drain and plug High-level float, recommended voltage: 220 VAC, 40
AMP, 3 Phase

ZERO DISCHARGE OPTION (Sump Pump)



Nu/Clean D.I. Elite and D.I. Elite Plus



The Nu/Clean D.I. Elite and the Nu/Clean D.I. Elite Plus are water treatment systems designed to work with any Batch Cleaner System. This is perfect for a closed loop system or a zero discharge system. The Nu/Clean D.I. Elite is ergonomically designed in a chemical resistant Polypro cabinet. It is easy to use and maintain. The innovative design of the Nu/Clean D.I. Elite will compliment the look of your production facility and impress your customers.

D.I. WATER TREATMENT

D.I. ELITE

D.I. ELITE PLUS

(Includes internal sump pump)

CONTAINMENT TRAY

INCOMING WATER OPTIONS

Inline Water Heater – $\Delta 40^{\circ}\text{F}$

(This option will add 40 FLA to power requirement)



TO PLACE ORDER

Please reference your quote number from page 1 of this document on your purchase order. All Purchase Orders can be emailed directly to: sales@technicaldev.com or sent via fax to 310-618-1543.

WARRANTY

5-year limited warranty on parts from date of shipment; exclusive of consumable and wear items. (see attached terms and conditions for more details).

TERMS

The above prices are valid for 30 days from date of quotation. Standard terms are 50% down with order and 40% before shipment, and 10 % Net 30, (US Dollars), from date of shipment

SHIPPING

Prepaid Freight Option or Customer Arranged Freight F.O.B. Torrance, CA. Shipping is 5-6 weeks after receipt of a copy of the Purchase Order.

Buyer may cancel Firm Orders for goods only in accordance with the outlined charge schedule:

20% -- Order Received and Production has begun

30% -- 30 days after Order Received

40% -- Machine Complete and Ready to Ship

No cancellations accepted once machine has shipped.

CONTACT INFORMATION

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