# ALT-1002750-420H-3NN ALT Series Ultrasonic Cleaner

ALSTRON

Alstron ALT Series Ultrasonic Cleaner provides a comprehensive range of units tailored for industrial part cleaning. Applications cover degreasing and removing contaminants from various components including marine vessels, aerospace parts, PCBs, machining parts, mechanical components (pre-coating or plating), optical parts, surgical instruments, 3D modeling, R&D, and more.



- Signature Frequency 100kHz for General Cleaning Applications
- Internal Tank - Stainless Steel SS316L, External Tank - SS304 Construction
- Adjustable Digital Timer for Ultrasonic Duration Control
- Digital Temperature Controller for Heating Control
- Sweeping Function & Adjustable Ultrasonic Power Intensity
- PLL Technology with Auto-Frequency Tracking & Adjustment
- Power Input: 440V, 3 Phase + 3
- Water Drainage Piping & Valve in SS316
- Castor Wheel with Brakes for Easy Transportation or SS316L Base Structure for Vessels

| Model | ALT-1002750-420H-3NN |
|---|---|
| **Functional** | |
| Frequency | 100 |
| Capacity (Litres) | 420 |
| Ultrasonic Power (Watts) | 2750 |
| Sweeping Function | Yes |
| Power Intensity | 10 - 100% Adjustable |
| Timer Function | 1 - 60 mins / Infinity |
| Immersion Heater Power (Watts) | 6000 |
| Temperature Sensor Type | PT100 |
| Temperature Range (Celsius) | 20 – 70 °C |
| Connected Power (Ampere) | 32 (4-pin) |
| Input Power | AC 440V, 3 Phase + E, 50/60Hz |
| Programmable HMI (Touchscreen) | Not Applicable |
| **Tank** | |
| Internal Tank Dimension L x W x H (mm) | 1150 x 580 x 630 |
| Overall External Tank Dimension w/o Valve (mm) | 1250 x 865 x 910 (+ 150 mm with Base Support) |
| Internal Tank Material | SS316L |
| External Tank Material | SS304 |
| Net Weight (kg) | 245 |
| Water Inlet Valve | SS316, ½ Inch Full Ball Valve |
| Drainage Valve Material | SS316, 1 ½ Inch Full Ball Valve |
| Power Cable Length | 3m with Quick Connector and 5-Pin Wall Plug |
| **Basket** | |
| Basket Internal Dimension L x W x H (mm) | 1126 x 560 x 570 |
| Basket Material | SS316L |
| Mesh Grid Size ($mm^2$) | 25 x 25 |
| **Optional** | |
| High Density Basket Model | ABK-1002750-01 |
| Mesh Grid Size ($mm^2$) | 5 x 5 |