

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 168kHz 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
- Strong Holding Basket in SS316, 1 square-inch Mesh
- Power Input: AC 220 – 240V, Single-Phase
- Water Drainage Piping & Valve in SS316
- SS316L Base Structure for Vessels (optional Castor Wheel with Brakes for Easy Transportation)



| Model                                          | ALT-1681200-82H                              |
|------------------------------------------------|----------------------------------------------|
| <b>Functional</b>                              |                                              |
| Frequency (kHz)                                | 168                                          |
| Capacity (Litres)                              | 82                                           |
| Ultrasonic Power (Watts)                       | 1200                                         |
| Sweeping Function                              | Yes                                          |
| Power Intensity                                | 10 - 100% Adjustable                         |
| Timer Function                                 | 1 - 60 mins / Infinity                       |
| Immersion Heater Power (Watts)                 | 1500                                         |
| Temperature Sensor Type                        | PT100                                        |
| Temperature Range (Celsius)                    | 20 – 70 °C                                   |
| Connected Power (Ampere)                       | 13                                           |
| Input Power                                    | AC 220 – 240 V, Single Phase, 50/60Hz        |
| Programmable HMI (Touchscreen)                 | Not Applicable                               |
| <b>Physical</b>                                |                                              |
| Internal Tank Dimension L x W x H (mm)         | 550 x 300 x 500                              |
| Overall External Tank Dimension w/o Valve (mm) | 622 x 530 x 793 (+ 100 mm with Base Support) |
| Internal Tank Material                         | SS316L                                       |
| External Tank Material                         | SS304                                        |
| Net Weight (kg)                                | 80                                           |
| Water Inlet Valve                              | SS316, ½ Inch Full Ball Valve                |
| Drainage Valve Material                        | SS316, 1 ¼ Inch Full Ball Valve              |
| Power Cable Length                             | 3m with Quick Connector and 5-Pin Wall Plug  |
| <b>Basket</b>                                  |                                              |
| Basket Internal Dimension L x W x H (mm)       | 518 x 268 x 420                              |
| Basket Material                                | SS316L                                       |
| Mesh Grid Size (mm²)                           | 25 x 25                                      |
| <b>Optional</b>                                |                                              |
| High Density Basket Model                      | ABK-1681200-82-01                            |
| Mesh Grid Size (mm²)                           | 5 x 5                                        |