

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
- Power Input: 415V, 3 Phase
- Water Drainage Piping & Valve in SS316
- Castor Wheel with Brakes for Easy Transportation or SS316L Base Structure for Vessels



| Model                                          | ALT-1682000-140H-3                          |
|------------------------------------------------|---------------------------------------------|
| <b>Functional</b>                              |                                             |
| Frequency (kHz)                                | 168                                         |
| Capacity (Litres)                              | 140                                         |
| Ultrasonic Power (Watts)                       | 2000                                        |
| Sweeping Function                              | Yes                                         |
| Power Intensity                                | 10 - 100% Adjustable                        |
| Timer Function                                 | 1 - 60 mins / Infinity                      |
| Immersion Heater Power (Watts)                 | 2000                                        |
| Temperature Sensor Type                        | PT100                                       |
| Temperature Range (Celsius)                    | 20 – 70 °C                                  |
| Connected Power (Ampere)                       | 16 (5-pin)                                  |
| Input Power                                    | AC 415V, 3 Phase, 50/60Hz                   |
| Programmable HMI (Touchscreen)                 | Not Applicable                              |
| <b>Physical</b>                                |                                             |
| Internal Tank Dimension L x W x H (mm)         | 700 x 500 x 400                             |
| Overall External Tank Dimension w/o Valve (mm) | 872 x 720 x 763                             |
| Internal Tank Material                         | SS316L                                      |
| External Tank Material                         | SS304                                       |
| Net Weight (kg)                                | 115                                         |
| 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)       | 670 x 470 x 330                             |
| Basket Material                                | SS316L                                      |
| Mesh Grid Size (mm²)                           | 25 x 25                                     |
| <b>Optional</b>                                |                                             |
| High Density Basket Model                      | ABK-1682000-01                              |
| Mesh Grid Size (mm²)                           | 5 x 5                                       |