

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 40kHz for General Cleaning Applications
- Internal Tank - Stainless Steel SS316L, External Tank - SS304 Construction
- Programmable HMI for precise control of ultrasonic duration, heating temperature, and adjustable power intensity functions
- 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-401200-82H-P   |
|--|--|
| <b>Functional</b>                              |  |
| Frequency (kHz)                                | 40   |
| 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   |
| Input Power                                    | AC 230 V, Single Phase, 50/60Hz                          |
| Connected Power (Ampere)                       | 13   |
| Programmable HMI (Touchscreen)                 | Graphical display & control, alarm and password security |
| <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 3-Pin Plug                   |
| <b>Basket</b>                                  |  |
| Basket Internal Dimension L x W x H (mm)       | 518 x 268 x 420  |
| Basket Material                                | SS316L   |
| Mesh Grid Size (mm <sup>2</sup> )              | 25 x 25  |
| <b>Optional</b>                                |  |
| High Density Basket Model                      | ABK-401200-82-01   |
| Mesh Grid Size (mm <sup>2</sup> )              | 5 x 5  |