



## Weapons cleaning station

**AD**  
**WASH**  
Made in Italy

**ADL47-12** represents state of the art in the field of cleaning machines for weapons. It is suitable for cleaning most weapons commonly found world-wide. Thorough cleansing is achieved by excitation of multiple piezoelectric transducers which operate at a frequency which prevents damage to the items being cleaned without creating discomfort to the operator. The machine is a complete maintenance station composed by the following sections:

- Ultrasound washing area with a tank of 47 litres capacity to clean either 4 standard rifles or a quantity of pistols. Produced in stainless steel (AISI 316L) with a thickness of 2.5 mm.
- Weapons drying area making use of a standard air compressor (optional).
- Lubricating area to complete weapon's maintenance process.
- Back panel which can be equipped with specific components to support up to 3 common rifles, pistols and other small parts. The panel is a part of a complete range of racks to store weapons hence allowing the customers to select the best options according to their needs.

Both drying and lubricating area are equipped with valves to independently collect water or oil resulting from the cleansing process. The basket used for cleaning operation can be relocated to other sections without removing weapons.

The chassis and main structure are fabricated from stainless steel with a thickness of 2.5 mm with external panels of 1.0 thickness. The ultrasound generator, cooling fans and electronic boards are located inside the chassis.

### Control panel

- LCD Display with backlight.
- Washing cycle digital timer (1-60 min).
- Temperature digital setting (0-75 °C).
- Pulse feature for a quick degassing.
- Temperature and operating time display and storage.
- Programmable switch-off function (from 1 to 8 hours).

### Other features

Stainless steel basket to contain rifles

### Optional

- Stainless steel cart with wheels and a shelf.
- Compressor.
- Stainless steel basket for small parts.



AD47-12 integrates  
a washing station  
and a rack for weapons

### ADL47-12 by ADwash - Technical data

Description	Data
Internal dimension (ultrasound tank)	950 × 250 × 200(H) mm
External dimension	1060 × 850 × 490(H) mm
External dimension (including cart)	1080 × 850 × 900(H) mm
Main basket dimension	940 × 220 × 190(H) mm
Tank capacity	47 litres
Power supply	220 Vac - 50/60 Hz
Ultrasounds power	600/1200 W 15/30 W per litre
Number of blocks	12 pcs (double ceramic)
Ultrasound operating frequency	25 kHz; ± 10%
Resistor power	1500 W
Noise figure	72-82 dB ("A" scale) at a distance of 1 meter
Control panel	digital
Product code	ADL47-12
NSN (Nato stock number)	available upon request

# Benches for weapons maintenance

These benches are specifically designed for weapons maintenance. Both versions are equipped with back panels to support all the components compatible with our weapons racks. Two versions are available:

## ADB-FS150

- Tubular steel chassis: 80 × 40 mm.
- Galvanised steel with a thickness of 2.0 mm.
- Polyester powder-coat painted at 180 °C.
- Worktop made of steel (2.5 mm thickness) with peripheral lips (lateral and back) or multilayer beech wood (40 mm thickness) with the possibility to be equipped with a galvanised steel cover/protection.
- Bench is equipped with a drawer unit with key lock and adjustable internal dividers.
- Plain shelf in the bottom part of the bench to support the fume extractor unit.
- Dimensions: 1500 × 750 × 920 (H) mm.

ADB-FS150



## ADB-TL180

- Tubular steel chassis: 40 × 40 mm.
- Galvanised steel with a thickness of 1.5 mm.
- Polyester powder-coat painted at 180 °C.
- Worktop made of melamine laminate with ABS peripheral borders.
- On the left side of the bench there are 2 adjustable shelves in addition to back panel.
- Socket power unit/tower.
- Bench is equipped with a drawer unit with key lock and adjustable internal dividers.
- Plain shelf in the bottom part of the bench to support the fume extractor unit.
- Dimensions: 1800 × 800 × 850 (H) mm.

ADB-TL180



## More models and sizes can be supplied upon request

Both benches can be equipped with a fume extractor unit, for weapon/gun powder residual, with the following main characteristics:

- New generation brushless motor, quiet operation.
- Complete portability, placed under or next to the bench-top.
- Fitted with 2× 50 mm (2") ø arms.
- Main filter has a HEPA efficiency of 99.97% at 0.3 micron, and an activated carbon filter to remove additional gases.
- Audible alarm informs operators when filters need replacing.
- Easy access on/off remote switch.

Fan capacity:	250m <sup>3</sup> /h (150 cfm)
Flow rate (with filter):	2 × 75m <sup>3</sup> /h (45 cfm)
Static pressure (suction force):	850 Pa (3.5 "WC)
Noise level :	< 55 dbA
Weigh :	9 kg
Voltage/frequency:	100-240 Vac / 50-60 Hz
Power:	85 W

Combined with our ultrasound washing machine ADL47-12 and other products such as weapons cart and racks, we can offer the ideal solution for your army.

Available a large amount of components.

