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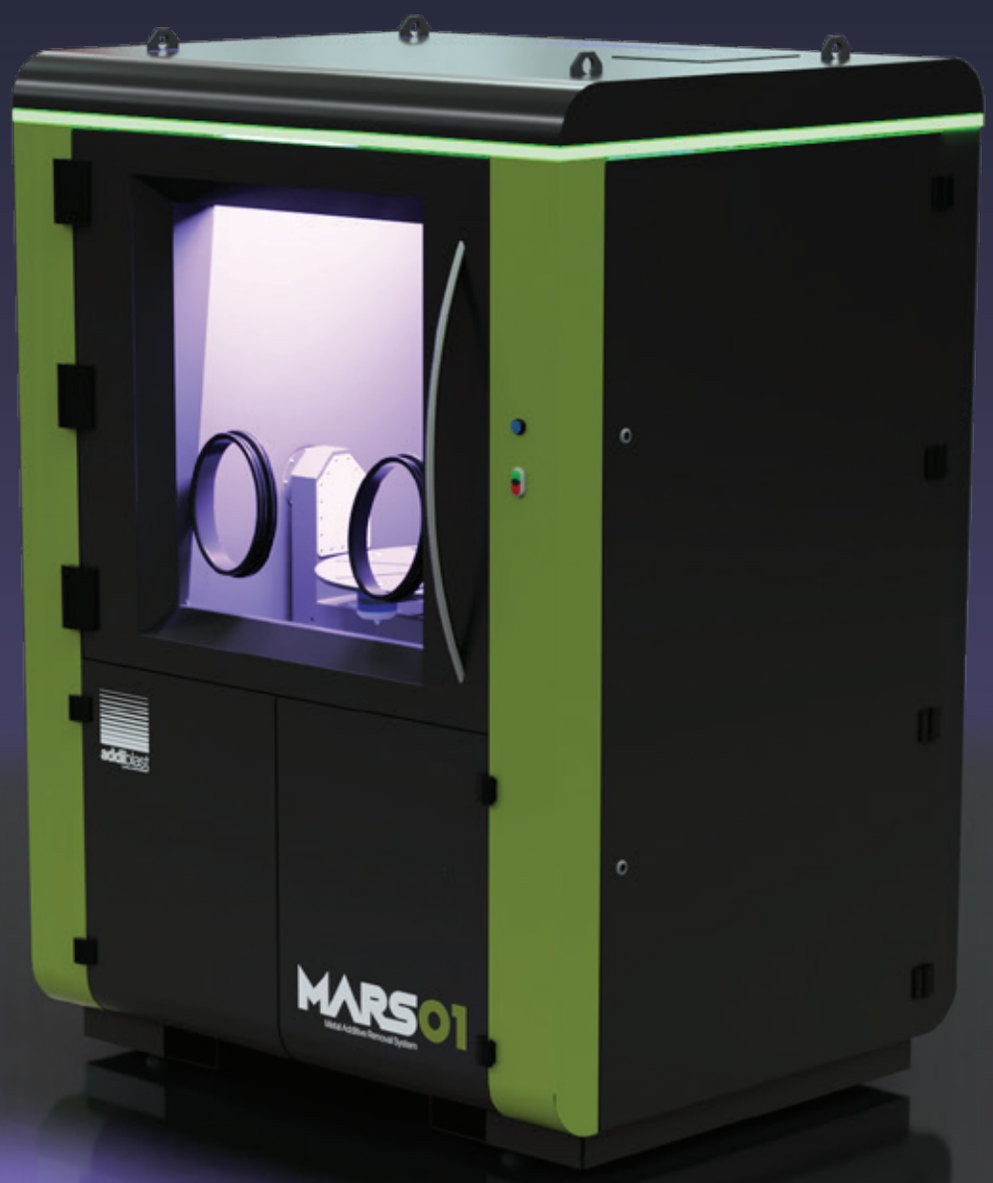

MARS01

Metal Additive Removal System

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Metal Additive Removal System

Depowdering | Metal

Manual depowdering machine for cleaning and removing supports from 3D printed parts.

Basic configuration

- Enclosed chamber for safe work
- Manual rotary table diameter: 450 mm, with locking position
- Air gun for cleaning
- Connection to dust extraction unit
- Pneumatic connection for connecting pneumatic tools inside the chamber
- Possibility of support removal inside the chamber
- Shelves inside the chamber for parts and tools placement
- Closed cabinet made of stainless steel, sealed
- Large window for process monitoring with interior illumination
- Powder collection bin on wheels below hopper (5, 15, or 40L)
- Pneumatic part vibration system, with support frame and dampers for vibration reduction, pressure regulator
- Manual swivel arm via gear transmission for 180° part rotation
- ATEX certified (Ex protected)

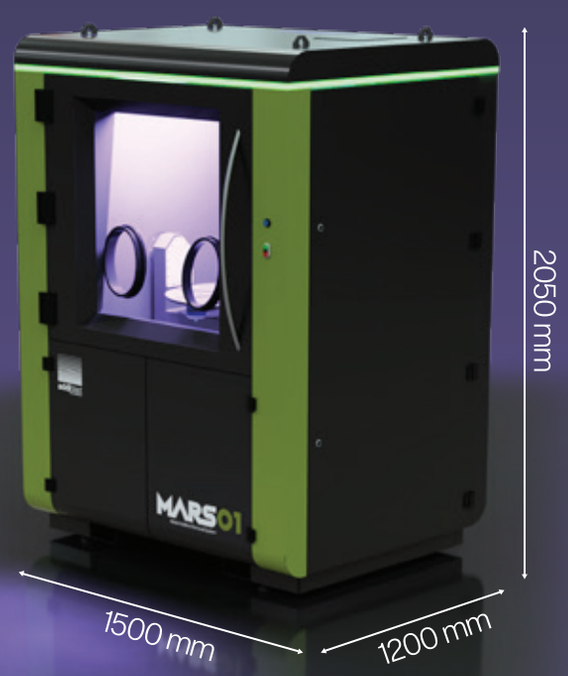
Optional

Inert gas infusion system

Maintaining Oxygen level in range 4-2% during the operation. Argon or Nitrogen can be used.

Technical specifications

Dimensions (L x W x H)	1500 mm x 1200 mm x 2050 mm
Workspace size (L x W x H)	850 mm x 900 mm x 1000 mm
Build plate volume (L x W x H)	300 mm x 300 mm x 400 mm
Load capacity	150 kg
Compressed air (min - max)	6 bar / 87 PSI - 8 bar / 116 PSI
Air Consumption	600l/min
Power	3 x 230/400V, 3/N/PE 50/60Hz
Weight	700 kg



Post processing, **redefined**.

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