

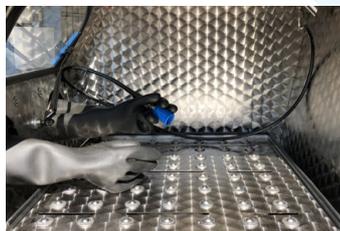


Powder Wash

The European and World patented Quill Vogue Powder Wash uses pressurised cold water to rapidly remove surplus powder from metal and plastic SLM and SLS printed parts. By removing surplus powder from complex geometries - such as intricate lattices, blind threads and internal channels - from within the build, it means the potentially hazardous loose powder is prevented from entering production. In addition, by removing surplus metal powder from 3D prints, the Quill Vogue Powder Wash also allows operatives to wire erode metal components from build platforms without causing arcing and wire breakages.

The water used in the Powder Wash is recycled and is filtered down to 0.5 microns. The system is fully ventilated and is compatible with metal powders including titanium, stainless steel, aluminium and nickel powders. The compact, ultra quiet Quill Vogue Powder Wash is built to BS EN standards, is safe (NRTL/MET certified), reliable and easy to use, so design engineers can clean their SLM and SLS 3D prints efficiently and effectively in seconds.

KEY FEATURES



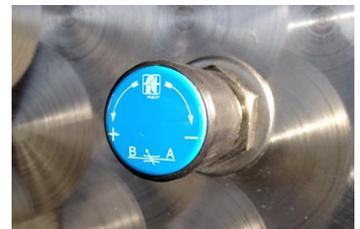
Patented roller ball table allows operatives 360 degree access to metal printed parts during the wash process (lattice support table for SLS plastic prints)



Two jet nozzles. Fan jet for large areas, pencil jet for concentrated precision.



Low energy LED lighting, robust wiper system for improved visibility and circular polished stainless steel construction for system longevity



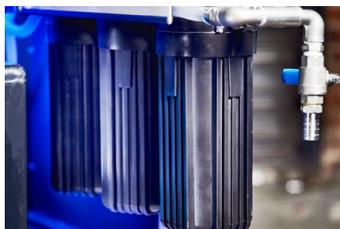
Range of water pressures (0-50bar/725psi) is available to operatives through the pressure control valve

SPECIFICATION

- Footprint: L1070mm x W740 x H1650mm
- Internal Chamber: L670mm x W660mm x H510mm
- Door Opening: W540mm/630mm x H360mm
- Roller Ball Table: 610mm x 575mm
- Water Tank: 50 litres
- Weight: 262kg (fully laden with water)

SITE REQUIREMENTS

- Power Supply: UK - 240volt AC/50Hz/1.6kW single phase/13amp. USA - 110volt AC/60Hz/1.6kW single phase/15amp. RCD protected socket required.
- The Quill Vogue Powder Wash is a "closed" system that contains a 50 litre water tank that requires emptying and refilling on a daily/weekly basis depending on usage. Operators must ensure they comply with local government discharge guidelines



Unique filter system recovers waste powder at 6 separate filter stages down to 0.5 microns



The Powder Wash is a "closed" system containing a 50 litre water tank with UV filtration system, making it environmentally friendly



Easy to use foot operated controls



Robust levelling castors provide stability on uneven floors and provide full system mobility