



Cleanpart'ner
PARTICLE TRACKER

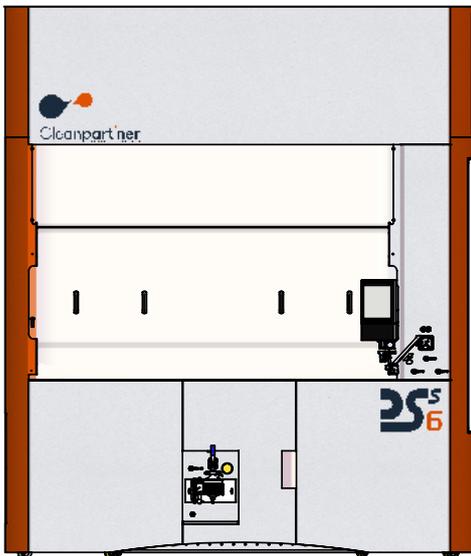
Decontamination extraction station

DSS6 series

DSS6 is the largest extraction station for Cleanpart'ner particle trackers. It allows to extract the contamination in order to evaluate the level of cleanliness of the parts according to the cleanliness standard which are, among others, the ISO 16232 and the VDA19

Benefits

- Ovoid extraction enclosure to minimize particle retention, super polished mirror finish, Ra 0.02
- Fast and repeatable blank acquisition, value less than 250 μm , 200 μm as a minimum
- Automatic Wall flushing integrated into walls without risk of particles retention
- Full access to the extraction area (optional sliding window)
- Double air supply flow and exhaust air extraction, integrated into the station (operator protection)
- Laminar air flow with HEPA filter 0,3 μm meet a class 5 max. according to ISO 14644
- Touch colour machine interface with functional and intuitive controls
- Designed and manufactured in our workshops
- Quality of finishes and choice of materials to avoid particle generation and retention
- HMI located on the right side to allow the installation of a manipulator arm for very heavy components (max. 500 Kg)
- Proven and reliable equipment



Super polished mirror enclosure the most sophisticated on the market



Dimensions

	Width (mm)	Depth (mm)	Height (mm)
Working area	2067/ 1883 max.	1490	1340
Overall	2750	1880	3350

Technical informations

EC fully compliant - Comply with the European Machinery Directives 2006 and Electromagnetic compatibility

Two types of PLC available as standard: SIEMENS

Pen flow rate: adjustable 10 L/mn max. - Walls flushing: 30 L/mn max.

Rinsing pressure: 4,5 bar max.

Useful volume tank: 100 litres

Membrane holder: Ø 47 or 90 mm - Optional cascade of 3 membranes

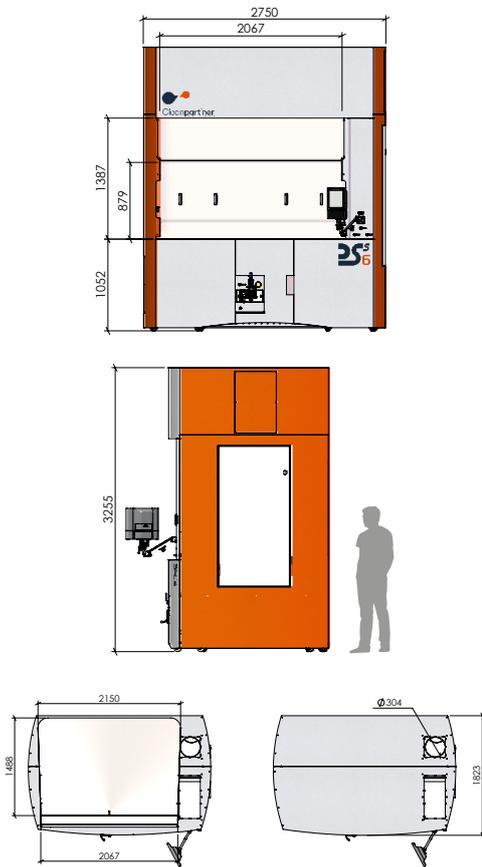
Fluid filtration rate: 1 / 0,2 µm

Accepted types of fluid: solvent or detergent (water base)

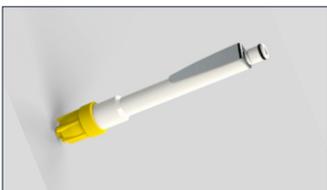
Materials: 304L stainless-steel polished bowl - Painted steel for structure

Fine textured powder paint

Extraction connection: 304 mm outside



Accessories



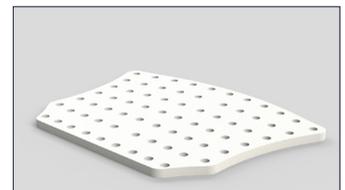
Shower pen



Cascade membrane holder
Ø47 or 90 mm



Stainless-steel bowl with
integrated membrane holder
for small parts



HDPE support plate

Choose your configuration

	HMI	Finishes	Window	Power supply
DSS6	<input type="checkbox"/> S SIEMENS 15"	<input type="checkbox"/> 2P Painted frame <input type="checkbox"/> 2S Full stainless-steel	<input type="checkbox"/> R Removable <input type="checkbox"/> G Sliding door	<input type="checkbox"/> C 440 V – 3 phases 60 Hz



Cleanpart'ner and its particle trackers specifically meet your needs and the geometry of your parts which require an adapted response.