

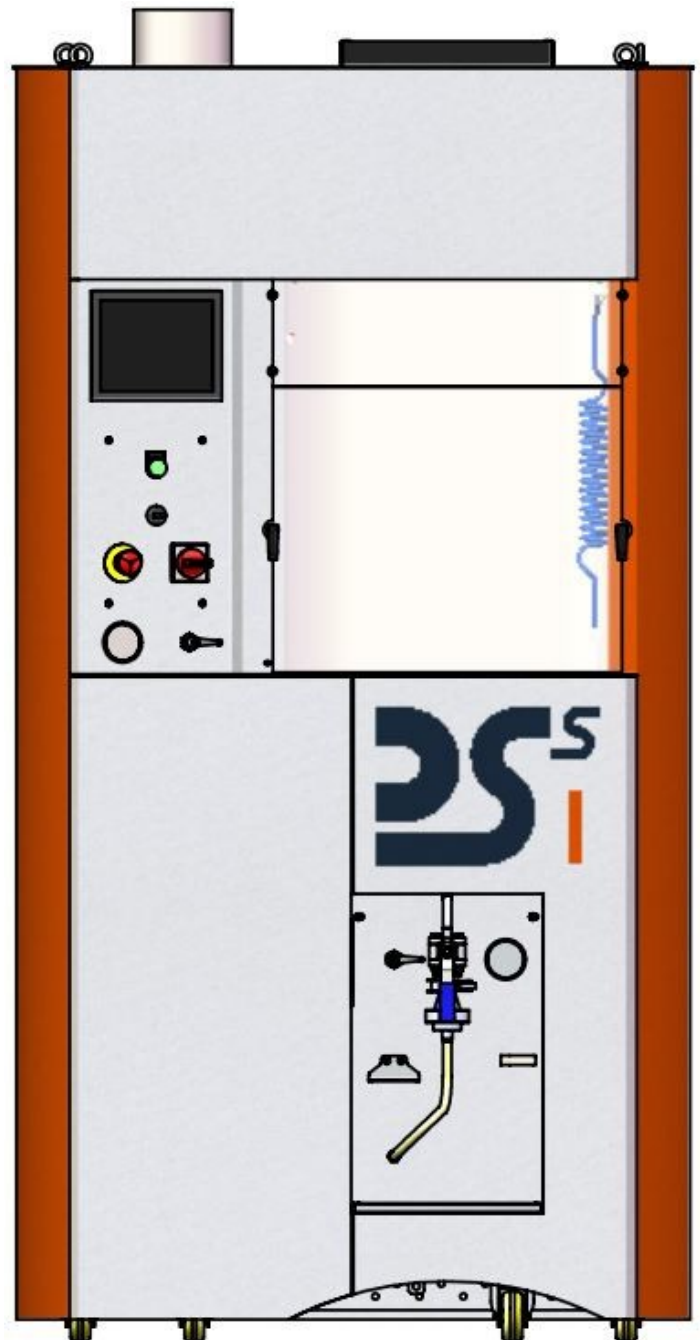
IMEX DSS1

The DSS1 is the smallest of our particle tracker extraction stations. It allows the extraction of contamination on very small components to evaluate their level of cleanliness according to the current standards such as ISO 16232 and VDA19, among others.

The DSS1 extraction enclosure, the most elaborate of the market, is super mirror polished stainless steel, has been designed with a minimum of welding and retention area and without any sharp angles.

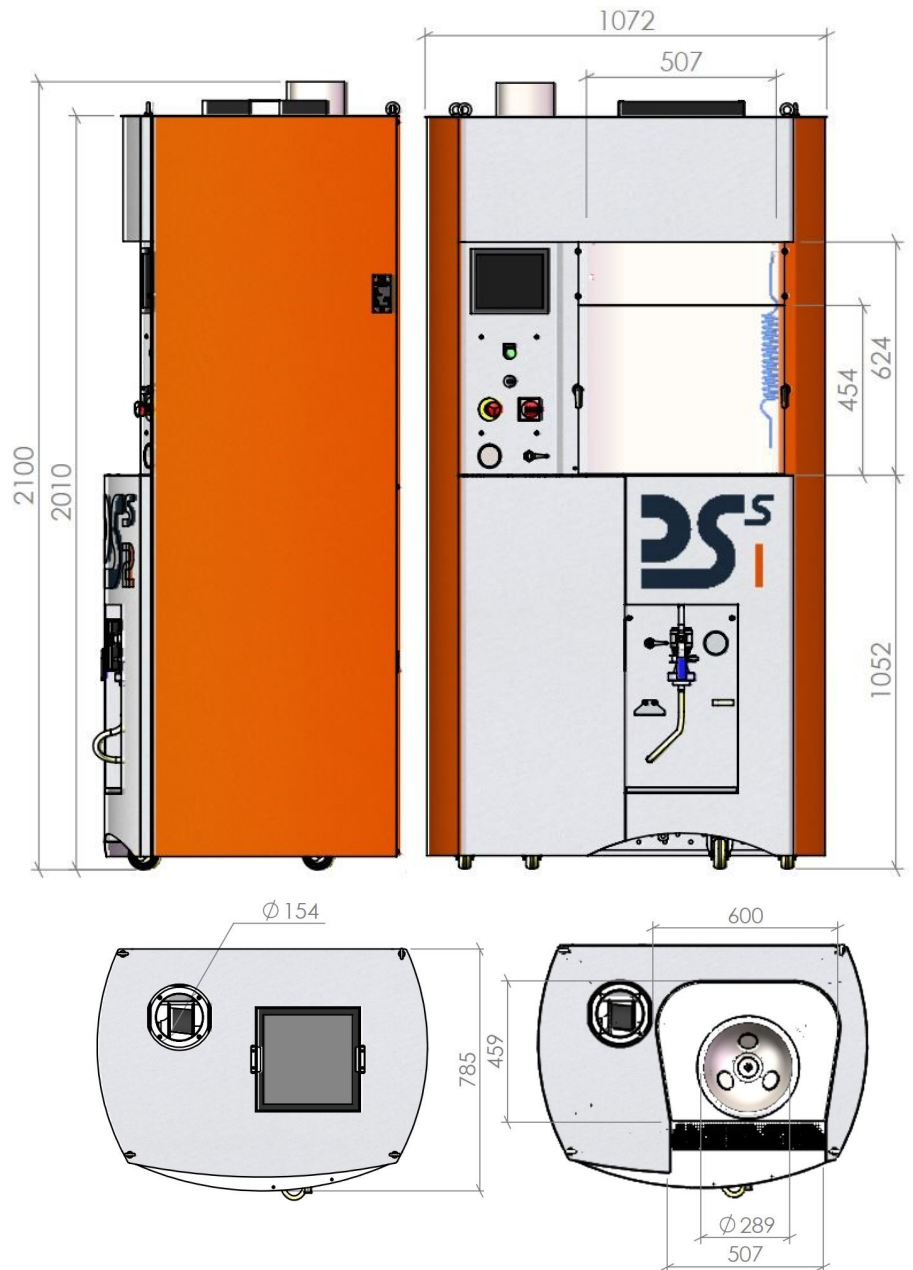
Benefits

- Compact, easy to install and use.
- Quick installation, passing through a standard access door.
- Fast and repeatable blank acquisition, value less than 50 µm.
- Ultrasonics integrated to the bowl, adjustable 150W power (optional).
- Full access to the extraction area (optional sliding window).
- Double air supply flow and exhaust air extraction, integrated into the station (operator protection).
- Colour touchscreen HMI with intuitive functional controls.
- Proven and reliable equipment.
- Quality materials and finishes to avoid particle generation and retention.
- Accessories precisely designed in order to avoid any additional contamination.
- Uniquely designed accessories on demand.
- Laminar air flow with 0,3 µm HEPA filter meets Class 5 of ISO 14644-1.
- Complies with the European Machinery Directive 2006 and Electromagnetic Compatibility.



IMEX DSS1

Technical data	
PLC	Pro-face / Siemens
Pen flow rate	max. 5 l/min
Rinsing pressure	max. 4,5 bar
Useful tank volume	40 l
Membrane holder	Ø 47 mm
Fluid filtration rate	0,2 µm
Accepted fluid types	solvent/detergent (water based)
Structure material	Painted steel
Working area material	polished 304L stainless steel
Extraction connection	154 mm outside
Power consumption	max. 1500 W



Dimensions	Width [mm]	Depth [mm]	Height [mm]
Working area	Bowl Ø 290	-	145
Overall	1072	785	2100

Configuration	HMI	Finishes	Window	Option: Ultrasound	Power supply
	Pro-Face 7"	Painted frame	Removable	Without Ultrasound	110V - 60 Hz
	Siemens 7"	Full stainless-steel	Sliding door	150W Ultrasound	220V - 60 Hz