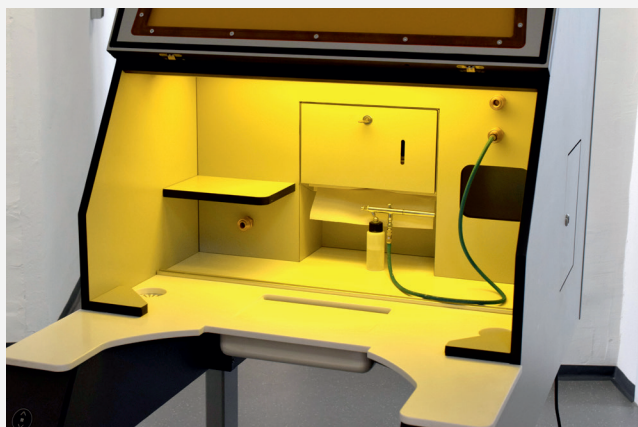


LITHOZ® | CeraCleaning Station Ultra

Technical Data



It is our goal at Lithoz to support our clients along the entire value chain of the additive production of high-performance ceramics. As experts in this field we know that in addition to a reliable manufacturing process, component cleaning is also an important step when producing high-quality ceramic parts.

In cooperation with our in-house experts we have developed an ideal work area for cleaning ceramic components. The CeraCleaning Station Ultra is based on the longstanding experience of our employees in cleaning 3D-printed components and their preparation for thermal post-processing.

Technical Data

MEASUREMENTS

Outside	75.5 × 135 × 115 cm
Work Area	130 × 38.4 × 41.5 cm
Waste Receptacle	13 × 12 × 12 cm
Paper Dispenser	Paper towels folded as needed in zig-zag or c-fold (capacity: 150–250 units)

COMPRESSED AIR

Input Connector	max. 8 bar
Output Connectors	4, 2 adjustable (0.5–8 bar)
Airbrush Tank Capacity (plastic container)	28 ml (or 112 ml)
Airbrush Type	Double Action
Airbrush Nozzle	0.5 mm

SUCTION

Air Filter	2-Step Filter (particle and gas filter)
Filter Surface	1.95 m ²
Separation Efficiency acc. to EN 1822:2009 in MPPS	99.955 %
Separation Efficiency acc. to EN 1822:2009 @ 0.3 µm	99.994 %
Output	100 W
Suction Capacity	140 m ³ /h
Suction Pressure	2.3 Pa
Noise Level	< 52dB(A) @ 1m

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CERACLEANING STATION ULTRA

The cleaning station is the ideal working area for cleaning and post-processing printed components. Practical use as well as ergonomic design were focus points during conceptualization.

SIMPLE AND CLEAR-CUT INSTALLATION

The cleaning station can be easily installed in any lab with minimal effort. The unit is equipped with yellow glass and a suction unit which make elaborate lighting and ventilation systems unnecessary. Alternatively, the cleaning station can be connected to an already existing ventilation system.

ERGONOMICALLY THOUGHT OUT WORKSPACE

Everything in its rightful place. Integrated inputs for adjustable compressed air and cleaning fluid allow exact application with the airbrush gun. Comfortable arm rests for safe, fatigue-free work facilitate right- and left-handed operation.

All tools and work equipment can be found at an ideal distance. Ergonomically aligned storage boxes for all tools such as blades and towels are within the working area. Excess cleaning liquid and support structures can be discarded easily and precisely in the integrated waste receptacles without any interruption to the work flow.