



PHS

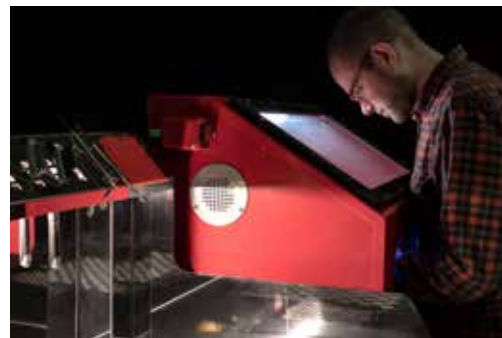
Powder Handling Station

Supporting device designed to make post-processing and powder recovery as clean and efficient as possible.

- **All processes in one place:** cleaning the printer & work area, initial and precise printouts depowdering, sieving & powder refreshing
- **Clever workspace** - an ergonomic and user friendly solution compatible with both Lisa and Lisa PRO
- **Tools close to you** - everything you need is always at hand
- **Easy depowdering** in 5 simple steps
- **Superhero** - not just for one printer!

Parameters

Powder capacity	12 l (3.17 gal)
Operating Voltage	110-240 [V] AC, 50-60 [Hz] Power Consumption 80 [W]
Labour	25 min for the whole process
Material change over	~ 1 h
Set contents	Depowdering module Sieving module Shelf for sandblaster Hoses, connectors & inlets Ear protection Storage place for depowdering tools LED lighting
Dimensions	1000 x 700 x 1800 mm (39.4 x 27.6 x 70.9 in)
Weight	160 kg (352.7 lbs)
Space installation	1700 x 2200 x 1800 mm (66.9 x 86.6 x 70.9 in)





Dedicated Powder Tools

No mess, no waste

Our powder tools cover the whole printing process, from the initial startup, through taking out the printouts, postprocessing, and cleaning, both the printouts and workspace.



ATEX / Intertek Vacuum Cleaner

Clean and easy

A perfect solution for efficient collecting and cleaning unsintered powder. For safe and effective work with SLS printers you need a device with ATEX or NRTL (ETL Intertek listed) certificate. The one we put into our SLS 3D printing solution is not only clean, but also safe. Sinterit Vacuum cleaners are industrial explosion-proof vacuums, manufactured in order to avoid any risk of ignition. Along with the cyclone powder separator it will make your workflow much faster and easier.



Parameters

Suction inlet	50 mm
Noise level (EN ISO 3744)	79.6 dB (A)
Capacity of collection unit	40 l (vacuum), 12 l (separator)
Filter type	Star, M class filtration
Dimensions	440 x 420 x 780 mm (17.3 x 16.5 x 30.7 in)
Weight	vacuum: 21.5 kg (47.3 lbs), separator: 5 kg (11 lbs)
Certificates	ATEX Z22 / NRTL D2C2 (ETL Intertek listed)



www.sinterit.com

Powder Sieve

Easy reuse

Powder Sieve is a game-changer for powder maintenance. With this device you can sieve unsintered powder and prepare it for another print. It is fast, as typical sieving operation takes only 18 minutes and is easy to use. Just one button to press.



Parameters

Powder capacity	5 l
Sieving time	18 min
Dimensions	330 x 340 x 600 mm (13.0 x 13.4 x 23.6 in)
Weight	22.5 kg (49.5 lbs)
Operating Voltage	12 V / 2 A
Power consumption	24 W



The most powerful 3D technology accessible to you