

## Zetadebind : Facility Guide

### 1. Shipping and unloading

- The Zetadebind is packed with the Zetasinter furnace (cf Zetasinter facility guide).

### 2. Moving and operating space

- The Zetadebind is light and can be easily moved.

Solvent-bath dimension (LxWxH)	320x160x320 mm
Weight	5.5 kg

- For a comfortable using experience it is recommended to install the Zetadebind :
  - o in a 700x1400 mm operating space
  - o on a chemical work bench
  - o under a chemical hood (cf. Environmental requirement)

Operating space surface (LxW)	610 x 1400 mm
Operating space Height (H)	2500 mm min. with working bench

### 3. Environmental requirement

- Laboratory/Factory environment without dust is recommended :

Room Temperature	5-35°C
Humidity	<70% (non-condensing)

- The solvent used for the chemical debinding is acetone. Acetone is a flammable liquid which must be stocked, manipulated and recycled according to its Safety Data Sheet and local norms.
- A chemical Hood with an organic vapor filter, an air flow of 240 m3/h (140 CFM) and a face velocity of 0.5 m/s (100 FPM) is recommended.

Chemical Hood		Size : 610x800x771 mm Ductless Filter : Organic vapor 100 FPM
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CONTACT NANOE

## 4. Electrical supply

- The power supply must be reliable :

Power supply	Single-phase with Earth (ground)
	200-240V~ 50-60Hz Phase-Neutral (or Live-Live)

- The circuit from power supply to furnace doesn't need to be a dedicated branch circuit :

Circuit breaker	10-16A Range
Power cable	3G (3 Core) 1.5 mm <sup>2</sup> (15 AWG)
Power Connection	16A 2P+E power socket (local norms) 