

## Vacuum soldering system VADU 100

### For R&D and small series production



*With its vacuum supported soldering process the VADU 100 system stands for high-quality void-free soldering results, even in small series production.*

The compact soldering system VADU 100 is equipped with separate zones for soldering and cooling and can be operated with paste as well as preforms.

Due to its small dimensions and the easy operation, the batch system is very suitable for production of small series and in laboratories for research applications.

#### Options

- Handling/Transfer systems
- Soldering temperatures up to 500 °C
- Integrated MES interfaces (e.g. SECS/GEM)

#### System features

- Void-free solder connections
- Soldering with preforms and/or pastes
- Individual soldering profiles
- Soldering temperatures up to 400 °C
- Controlled temperature gradients
- Short cycle times
- Separate soldering and cooling zone
- Flux-free soldering with formic acid
- Flux management
- Inert gas atmosphere
- Residual oxygen content < 5 ppm
- Reproducibility of the soldering results
- Traceability
- Permanent process control
- Ethernet interface
- Remote maintenance (VPN)
- Low energy and media consumption
- Internationally patented system

#### Technical data

Process area (W x D): 168 x 280 mm (e.g. 2 cards à 4 x 6 ")

Clearance height: max. 50 mm

Dimensions of the system (W x D x H): 1,070 x 1,130 x 1,150 mm

Power supply: 3 x 400 V, 50/60 Hz

Power input: 5 kVA

Weight: 500 kg



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