

Compact vacuum soldering system VADU 100

For laboratory 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 and powerful 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 system is very suitable for production of small series and in laboratories for research applications.

Options

- Wafer up to 6"
- Induction heating
- High vacuum
- Handling/Transfer systems

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
- Formic acid process
- Flux management
- Inert gas atmosphere
- Residual oxygen content < 5 ppm
- Reproducibility of the soldering results
- Traceability
- Permanent process control
- USB connection
- 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 1,400 x 1,150 mm

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

Power input: 5 kVA

Weight: 500 kg



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