

Vacuum Soldering System VADU core

Uncompromising quality, efficient design

The vacuum soldering system VADU core, made by PINK, combines quality and reliability with efficient system design. Preconfigured systems can be equipped with different features to realize even complex soldering tasks. The system is offered with 3 chambers as VADU 300XL core or with 4 chambers as VADU 400XL core. According to individual customer requests, the systems can be upgraded with additional options such as formic acid equipment, transfer systems, handling units etc. Ergonomic handling and user-friendliness characterize the intuitive user interface.

Advantages of the VADU core

- Standardized, efficient system design
- Different options for solving complex soldering tasks as well as for automation



System features

- Void-free solder connections
- Soldering with preforms and/or pastes
- Flux-free soldering with formic acid
- Individual, easy and freely programmable soldering profiles
- Flux management system for solder paste processes
- User-friendly GUI with different access levels
- Soldering temperatures up to 400 °C
- Separate soldering and cooling chambers
- Inert gas atmosphere (< 5 ppm O₂)
- Permanent process control and monitoring
- Low energy and media consumption
- SMEMA interface
- Remote maintenance (VPN)



Type	VADU 300XL	VADU 400XL
Model	Inline system	Inline system
Number of vacuum chambers	3	4
Clearance height	100 mm	100 mm
Dimensions (W x H x D)	2.436 x 2.381 x 1.910 mm	3.114 x 2.381 x 1.910 mm