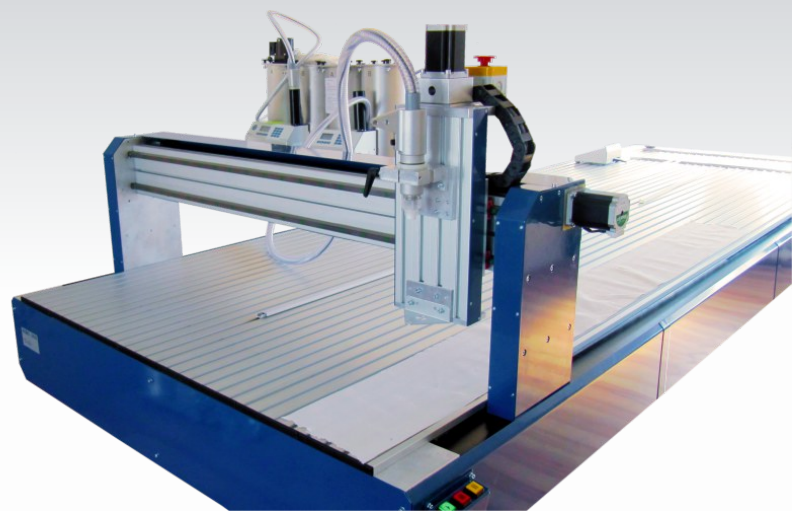
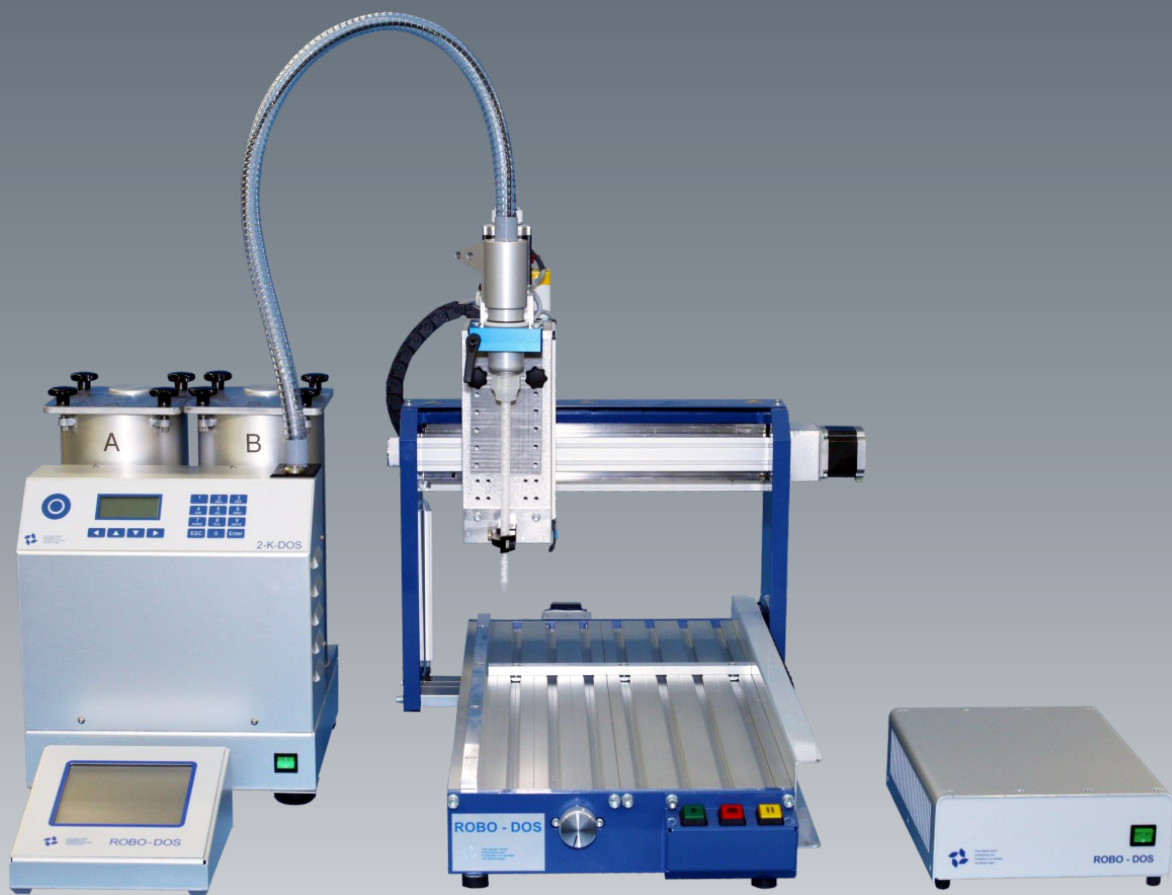


ROBO-DOS

Mixing and
dispensing
system

When combined with the 2-K-DOS mixing and dispensing system, the ROBO-DOS three-axis coordinate table provides a robotic system for fully automatically sealing modules and parts such as electronic assemblies, sensors, sealing grooves, etc.



Fritz Giebler GmbH
Development and
production of devices
and control systems

ROBO-DOS

Mixing and dispensing system

When combined with the 2-K-DOS mixing and dispensing system, the ROBO-DOS three-axis coordinate table provides a system for fully automatically sealing modules and parts such as electronic assemblies, sensors, sealing beads and coatings.

The parts can be sealed at a point or with a groove. They can be arranged in groups on a pallet and then the device can automatically seal them, one after the other.

The device is operated with a menu-driven, password-protected touch panel. The casting grooves for parts can be programmed and stored.

Add-on units for monitoring the path and shot size are available.

Types

- Different sizes of the active area, standard of 40 x 30 up to 100 x 60 and larger
- Table-top device for standard sizes, floor-mounted device for larger areas

Applications

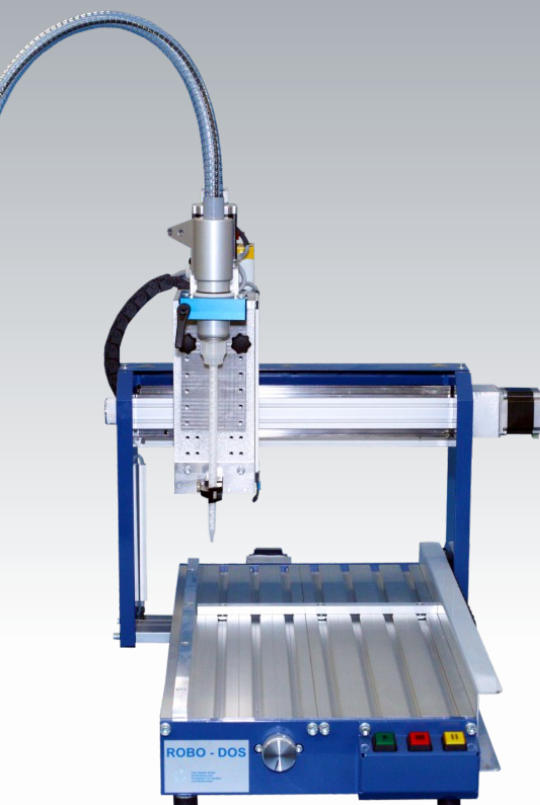
- Fully automatic sealing of electronic assemblies and sensors
- Application of sealing and adhesive grooves and coatings
- Manufacture of parts with potting molds

Accessories and special functions

- Holder and controller for 1 or 2 dispensing heads
- Automatic weighing of the shots as a check
- Position monitoring
- Storage of 20 operation areas, backup to and loading from PC
- Travel in three coordinates simultaneously
- Travel in circular arcs

Technical specifications:

Operation area:	Depending on device type, in sizes of 40 x 30 to 100 x 60 cm, more upon request
Overall dimensions:	W x L x H 73 x 58 x 56 cm up to 133 x 88 x 56 cm
Product clearance:	Standard 115 mm, more if needed
Max. travel speed:	50 mm/sec.
Work table height:	85 mm
Max. positioning error:	0.2 mm
Repeat accuracy:	0.1 mm
Supply voltage:	94 -264 V AC, 50 – 60 Hz
Power input:	150 VA
Mark of conformity:	CE



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