ROBO-DOS

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.
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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