

2-K-DOS Touch

Mixing and
dispensing
system

The 2-K-DOS Touch mixing and dispensing device quickly and precisely mixes and dispenses 2-component casting compounds with a polyurethane, epoxy or silicone base. Its modular design and series of interfaces enable the device to be adapted to a wide range of applications. Operation is simple and is implemented via a menu-controlled touch panel



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2-K-DOS Touch

Mixing and dispensing system

The 2-K-DOS Touch mixing and dispensing device quickly and precisely mixes and dispenses a variety of 2-component casting compounds and adhesives. The mixture ratio, dispensing rate and dispensed amount can be selected with a high level of resolution and consequently guarantee precise mixing and dispensing at all times. The device mixes the mixture continuously and precisely, thereby providing a mixture that is free of air bubbles.

The two compounds are fed in a computer-controlled process from the integrated containers to the dispensing head via a flexible tube into an easily exchangeable static mixer, where they are mixed.

The various configurations that can be created due to the modular design, the different interfaces and add-on devices and the accessories mean that the unit can be used to solve a wide range of casting tasks



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Special functions

- Menu-controlled and password-protected operation via touch panel
- Monitoring of filling level
- Pot life alarm with automatic rinsing of the mixing tube
- Stores up to 99 different mixing and dispensing programs
- Analogue and digital interfaces for integrating the unit into automatic production systems

Application areas

- Casting of electronic assemblies and components
- Sealing of separating joints
- Application of sealing and adhesive beads and coatings
- Sealing of LED bars

Advantages as compared to manual mixing

- Immediate availability of the mixture at all times
- Bubble-free mixing and dispensing
- Easy mixing and dispensing programming: mixture ratio, dispensing speed and amount
- Rapid amortisation as a result of significant time savings

Technical data:

Mixture ratio:	1:1 bis 1:10 *
Dispensing rate:	20 – 1.000 g/min *
Shot size:	From 2 g upwards or continuous *
Container sizes:	4, 10, 15 ltr **
Dimensions	W x D x H = 320 x 320 x 700 **
Weight:	35 kg **
Dispensing tube length:	90 cm **
Line voltage:	94 - 264 VAC, 50 - 60 Hz
Power consumption: :	150 VA
Class of protection:	1
Compliance:	CE

* Depending on the casting compound

** Depending on configurations

Models and accessories

- Various storage containers
- Various dispensing tube lengths
- Stirring unit for sedimentation of casting compound
- Vacuum for degassing the casting compounds
- Heater for heating the casting compounds
- Drying the air in containers via drying cartridge or nitrogen
- Documentation of the casting compounds

Add-on devices

- ROBO-DOS coordinate table for automatic casting
- LIN-DOS SW 3-axis linear unit for sealing LED bars
- Regulated heating for casting compounds with THERMO-DOS
- HOBBO-DOS and LOAD-DOS loading devices for the automatic filling of containers from HOBBOK containers or 200-liter barrels
- Scale

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