

- ◆ Centralized lubrication systems
- ◆ Metering technology
- ◆ Mixing technology

Piston pumps – line – K-MIX



K-MIX is a compact mixing device for materials with a mixing ratio of 100: 100 for example as LSR materials. The dosing is carried out by means of piston pumps which are driven by an electric linear electric motor. Material transport is either from 20 liter or 200 Liter original barrels.

Typical application areas of the machine

- supplying pressure presses
- Manufacture of packaging for cables
- Manufacture of seals
- Manufacture of medical parts
- Production of parts for air conditioning

Industries

- Automotive
- Electrotechnical industry
- Sanitary technology
- Manufacture of medical parts
- White equipment
- Medicine

Device Features:

The material is transported using piston pumps directly from the original packaging - 20 liter or 200 Liter drums. We are able to deliver the equipment in both versions at once, the difference is only in the diameter of the pressure follower plate, which is exchangeable. These pumps are driven by electric actuators. The pumps are equipped with reinforced pneumatic pressure. Behind each piston pump is a special screw volume counter which controls the mixing ratio. The two components are then mixed in a special static mixer which can be flushed with one or the other component of the material as needed. Optionally, the paint dispenser can be retrofitted from the pressure vessel.

The typical control system used is the SIEMENS S7 / 1200 with color touch screen.

The device K-MIX can then be supplied in various designs and optional equipment such as

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- Completely or only partially heated equipment
- Material cooling
- Replacement diaphragm for both 20 liter and 200 liter containers
- Color dispenser up to 5 types
- Automatic component venting when a new material barrel is loaded
- Various static mixer sizes according to the mixed material
- Mobile design
- Modular design for robotic workstations.



Technical data:

Flow rate:	to 1,2 L / Min or to 3,6 L / Min
Mixing ratio:	100 : 100 by volume
Mixing system:	Static mixer
Viscosity:	up to 1,5 mil mPa.s., higher viscosity available on request
Max. working pressure:	250 bar
Electric supply:	400 V 50 Hz – 16 A
Air pressure:	4 – 8 bar
Material supply:	20 L or 200 L barrel