



MK 400

2- / 3- component mixing head with high-pressure water rinsing system

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AREA OF APPLICATION

- 2- /3- component mixing head with patented high-pressure water rinsing system and dynamic mixing system, for use with liquid to high-viscous polymer reaction materials for gasketing, glueing and potting
- Designed to be used with mixing and dosing units (DM 30X and DM 40X) in fully-automatic operating mode

DESCRIPTION

- High-pressure water rinsing device for the ecologically friendly cleaning of the mixing system
- Hydro-mechanically regulated precision recirculation valves for the complete conditioning of the used materials
- Can also be fitted with stub cables for use in glueing and casting operations
- Weight-reduced structure in modular configuration, anodised with blue-grey finish
- Robust and maintenance-free design in high-strength aluminium alloy and chrome steel
- Direct multi-level injection of components
- Electronically regulated stirrer turning speed; a special stirrer design allows to handle materials smoothly
- High-pressure needle bar valves for injection of rinsing water
- Blast-air needle bar valves for the drying of the mixing system
- Anti-drip, maintenance-free "Stop-Drop DVS-3" nozzle-shutoff device with axially adjustable drive shaft
- Speed-controlled stirrer drive motor
- Power transmitted directly or via flexible drive shaft

TECHNICAL SPECIFICATIONS

• Dimensions (L x W x D):	260 x 260 x 200 mm
• Operating pressure:	up to approx. 150 bar/component
• Output capacity:	from 0.3 g/s to 100 g/s
• Dosing accuracy:	1%
• Mixing head weight:	approx. 3.5 kg
• Mixing ratio:	from 100 : 1 to 1 : 100, infinitely variable
• Selectable stirrer-speed:	from 200 to 6.000 rpm, infinitely variable

MIXING HEAD VARIANTS

• MK 400:	2- /3- component mixing head for medium to large output quantities
• MK 425:	2- /3- component mixing head for small output quantities
• MK 450:	2- /3- component mixing head for very small output quantities

OPTIONS

- Mixing head housing completely made of chrome-steel
- Mixing head configuration for rinsing with material components
- Customer-specific outlet nozzles
- Mixing chamber spray system
- Mixing head temperature control



MK 400 being used in fully-automatic operating mode