

## MK 50 / MK 100

2-component mixing head  
with dynamic mixing

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## 2-component mixing head with dynamic mixing

### AREA OF APPLICATION

- 2-component mixing head with dynamic mixing system, for use with liquid to high-viscous polymer reactive materials for sealing, glueing and potting
- Designed for use with mixing and dosing units DM 50 and DM 70 in either manual or automatic operating mode

### DESCRIPTION

- Mixing chamber rinsing with chemical cleansing agents
- Needle-type injector valves with stuffing-box seal
- Weight-reduced structure for simple manual operation, anodised with blue-grey finish
- Robust design in high-strength aluminium alloy
- Stirrer turning speed manually adjustable
- Injection valves for application of cleansing agents and blast air used for drying the mixing system
- Compressed air-driven stirrer motor

### TECHNICAL SPECIFICATIONS

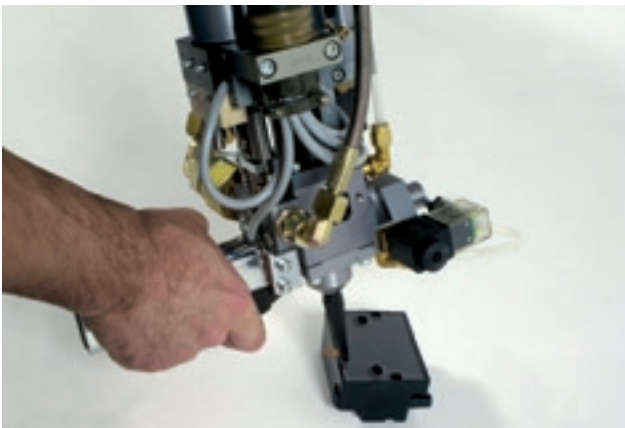
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|-----------------------------|---------------------------------------|
| • Dimensions (L x W x D):   | 230 x 160 x 250 mm                    |
| • Operating pressure:       | up to approx. 50 bar/component        |
| • Output capacity:          | from 1 g/s to 100 g/s                 |
| • Dosing accuracy:          | +/- 1.5 %                             |
| • Mixing head weight:       | approx. 5 kg                          |
| • Mixing ratio:             | from 100 : 10 to 10 : 100, adjustable |
| • Selectable stirrer-speed: | from 200 to 2.700 rpm                 |

### MIXING HEAD VARIANTS

- MK 50: for small to medium output quantities
- MK 100: for large output quantities
- Manual rinsing
- Automatic rinsing

### OPTIONS

- Mixing head housing completely made of chrome-steel
- Customer-specific outlet nozzles
- Mixing chamber spray system
- Mixing head temperature control



Manual encapsulation of an electrical part with the MK 50, using a FERMADUR two-component potting compound