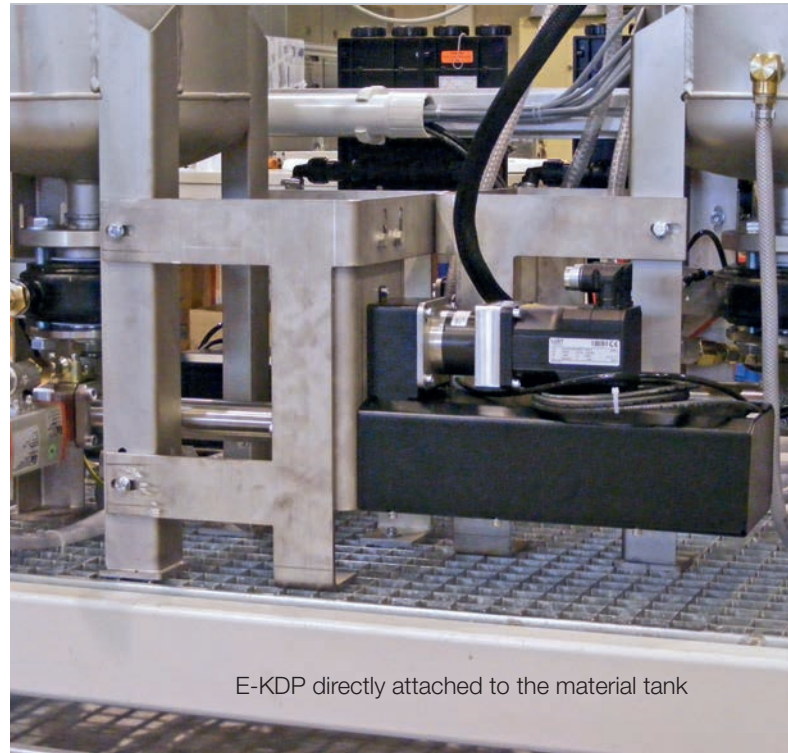
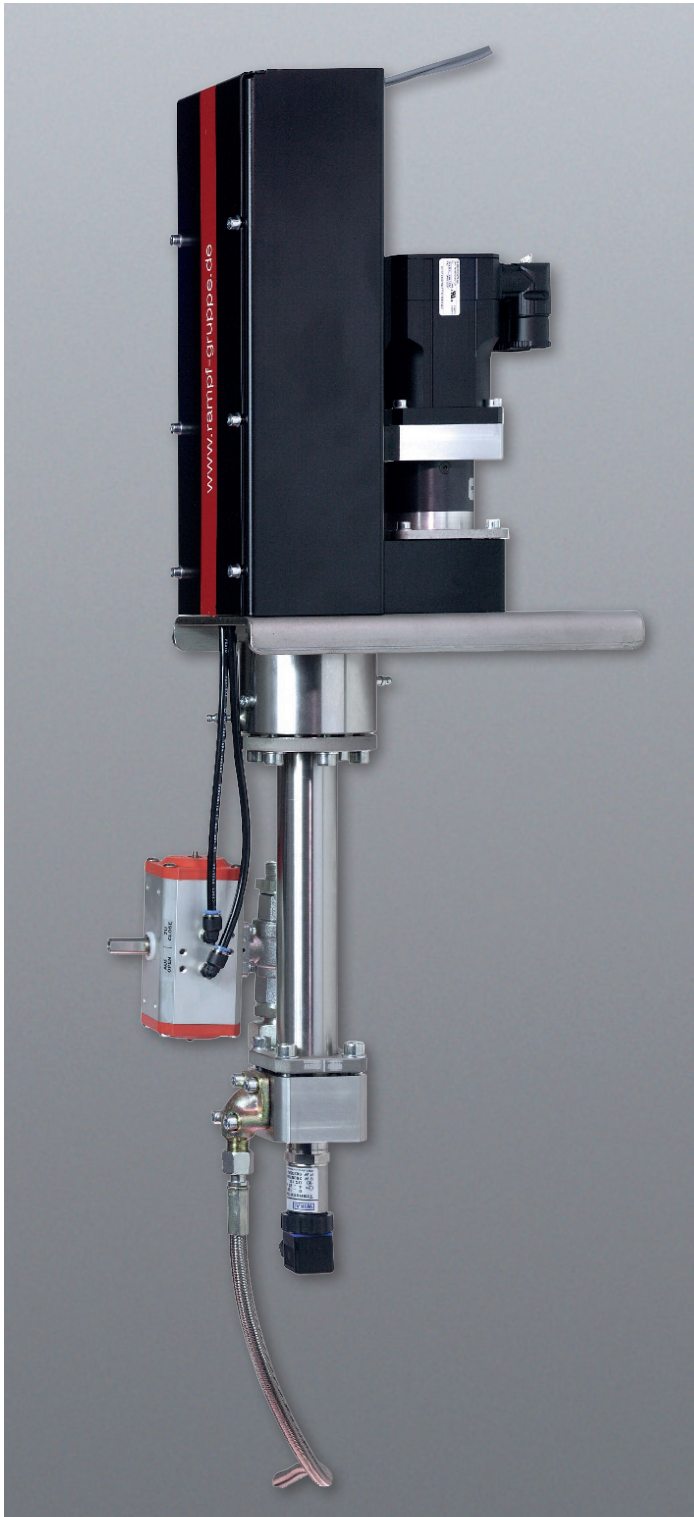


Product Information: Piston Dispensing Pump KDP

Precise dispensing independent of fillers and viscosities



E-KDP directly attached to the material tank

Your Advantages

Variable dispensing amounts and times

- > Freely programmable dispensing parameters via the controls

Various chamber volumes

- > Optimum adjustment to the process conditions
- > Flow-optimised discharge valve for complete emptying

Low maintenance

- > Standard seals on material piston
- > Simple construction

Intelligent drive system

- > Variable discharge rates
- > Fast filling time
- > Electrical drive system

Process monitoring

- > Pressure monitoring in the material chamber
 - > to monitor the dispensing process
 - > to preset a pressure level
 - > to detect trapped air (optional)

Piston Dispensing Pump KDP

Product Details

The piston dispensing system works according to the principles of volumetric forced dispensing. It dispenses to a large extent independently of pressure and viscosity with high precision materials ranging from the viscosity of water to materials with very high viscosity. RAMPF piston dispensing systems are suitable for dispensing low to highly filled materials, independent of the

abrasiveness of the fillers. Similarly, pressure and shear-sensitive materials can be dispensed gently. The servo-drive technology allows a variable rate of material discharge, so that all mixing ratios can be adjusted.

The optimal adjustment to the process conditions is completed by the servo-electric transmission principle.



E-KDP 250 with static mixer



E-KDP 63 with cartridges



E-KDP 3 with cartridge

Technical Data

	E-KDP 3	E-KDP 63	E-KDP 160	E-KDP 250
Dispensing volume max.	2,7 ccm ³	63 ccm ³	160 ccm ³	250 ccm ³
Accuracy +/-*	2 mm ³	5 mm ³	13 mm ³	20 mm ³
Min. dispense rate*	approx. 2 mm ³ sec ⁻¹	approx. 20 mm ³ sec ⁻¹	approx. 50 mm ³ sec ⁻¹	approx. 80 mm ³ sec ⁻¹
Viscosity range	20–400.000 mPas	20–800.000 mPas	20–800.000 mPas	20–800.000 mPas
Max. pressure	25 bar	400 bar	150 bar	100 bar
Weight	approx. 4 kg	approx. 20 kg	approx. 22 kg	approx. 23 kg

* measured with spindle oil

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