

Product Information

Tabletop dispensing system C-KDS

Cost-efficient tabletop dispensing-system for accurate and reliable dispensing of 2-components with fixed mixing ratio



C-KDS with polyethylene tanks



C-KDS with stainless steel tanks, agitator and air dryer

Features of the C-KDS at a glance:

» Field of application

- Processing of 2-component material for potting or bonding
- Viscosities between 100–25 000 mPas
- For mixing ratios > 4:1 the viscosity A/viscosity B must be < 100

» Mixing

- Static mixing of the 2 components
- Piston dispensing system with fixed mixing ratio
- Different piston sizes allow for choice of mixing ratios from 1:1 to 12:1
- Precision of the mixing ratio up to +/- 1%

» Dispensing output

- Shot sizes from min. 2,5g to max 70g per piston stroke
- Dispensing output min. 1g/s

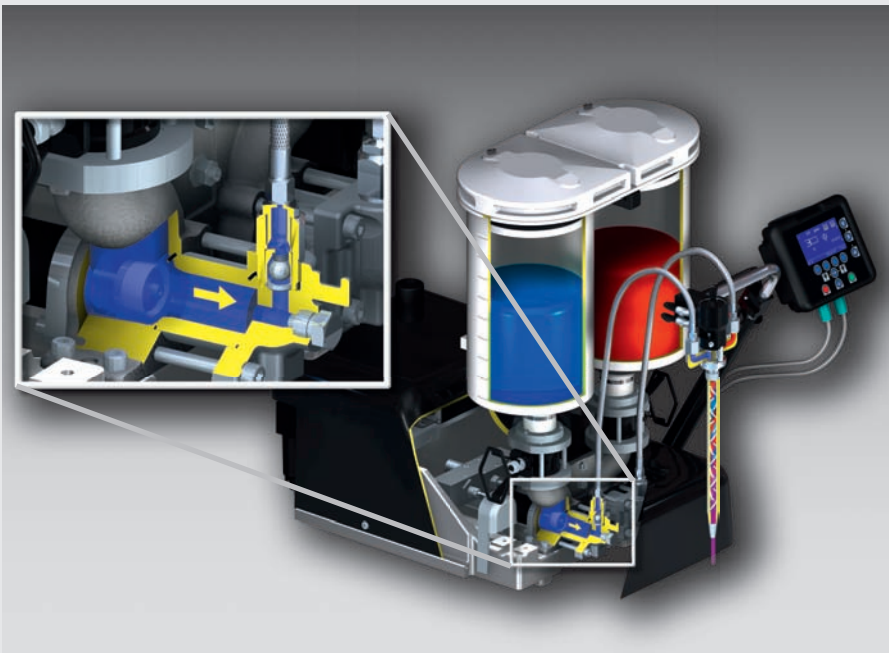
» Easy handling

- Machine control with graphic LCD-display
- Dispensing valve with adjustable snuff back for non-dripping processing



Tabletop dispensing system C-KDS

Working principle:



The different piston sizes are selected according to the mixing ratio of the processed material. The common pneumatic drive ensures dispensing with the correct mixing-ratio. The chambers of the pistons are filled with material with the back stroke of the pneumatic drive.

Technical Data (subject to change)

Width	Approx. 470mm (+200mm for operator panel)
Height	Approx. 750mm (+270mm for agitator)
Depth	Approx. 800mm
Weight	Approx. 55kg
Electrical supply	240V/50Hz/10A
Pneumatic connection	max. 7 bar

Options

- » Stainless steel material tanks with capacity 7,5l / 28l / 57l
- » Electrical agitator for the material tank
- » Level sensors "material tank empty" or "material tank full"
- » Automatic refill from 200 l drum
- » Different options for material conditioning
- » Ball valve at the outlet of the material tank for easy cleaning
- » Foot-switch for dispensing start
- » Manual dispense gun with flexible material hoses
- » Regulator for adjusting the flow rate
- » Advanced machine controls and operator panel with colour display

