

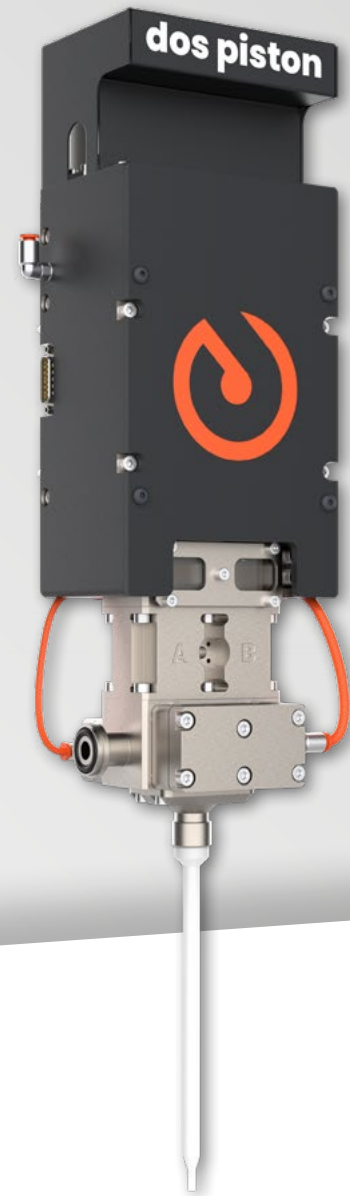
# dos piston

the dispenser  
for all applications.

Material potting from 0.1 ml to 43 ml.



[dosmatix.com/en/dos-piston](https://dosmatix.com/en/dos-piston)



## shortest cycle times and AI dispensing results

- Light architecture for optimal cycle times
- Innovative construction principle
- Flow-optimised material transport without dead space

## easy system integration

- Modular structure: rapid change and exchange of valves
- Simple configuration of preset dispenser sizes
- Safe integration of non-interchangeable assembly blocks

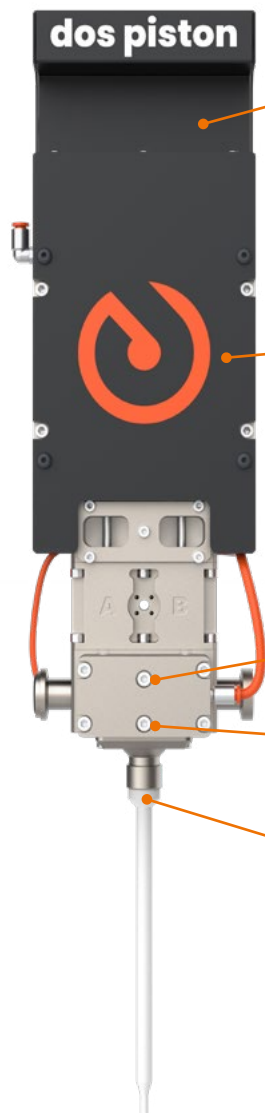
## intelligent plant control

- Robust analogue and digital precision sensors
- Complete information on system status available at all times
- Continuous process monitoring

## flexible mixing ratio setting

- Pre-set via standardised pre-defined piston diameters
- Continuous fine adjustment of the mixing ratio via two separate motors

# the innovations of dos piston



## Flexible control of the mixing ratio

The **dos piston** has two motors, one for each mixing component. This allows fine adjustment of the material mixing ratio (e.g. resin and hardener) via the software-based individual control of the two motors.

The advantages: Maximum flexibility and easy handling.

## Sensors and control software

Analog and digital sensors enable measurement of the piston level.

The pot life of each potting material (time interval in which processing is possible) is automatically stored by software to trigger an automatic warning message if the time is exceeded. In addition, the decentralised architecture allows maximum efficiency of integration into overall systems.

## Flow-optimised material transport

All material guides in the **dos piston** have been flow-optimised so that potting material can flow trouble-free and with high performance at every point.

## Exchangeable valve block

All valves (inlet and outlet) in the **dos piston** can be flexibly exchanged. This means that the valve type can be changed in a few simple steps, e.g. for maintenance purposes.

## Mixing tube with feed screw

A mixing tube with a feed screw is attached at the dispensing outlet to ensure the homogeneous mixing of the components of the potting materials.

## technical data

<b>Variant</b>	Size M with 2 material components
<b>Material viscosity</b>	All viscosities
<b>Dispensing speed</b>	20 ml/sec (Material density 1kg/l Viscosity 1,000mPa·s)
<b>Dimensions (lxwxh)</b>	103 x 240 x 482 mm
<b>Weight</b>	7.5 kg

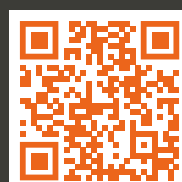
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