

Piston Metering Head Dos P

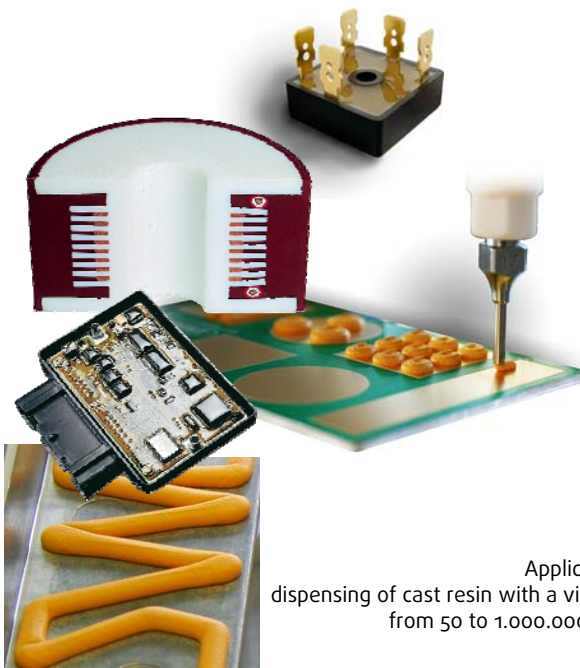
High-precision Metering Head for dispensing, coating, potting, filling, applying and sealing.

For handling of:

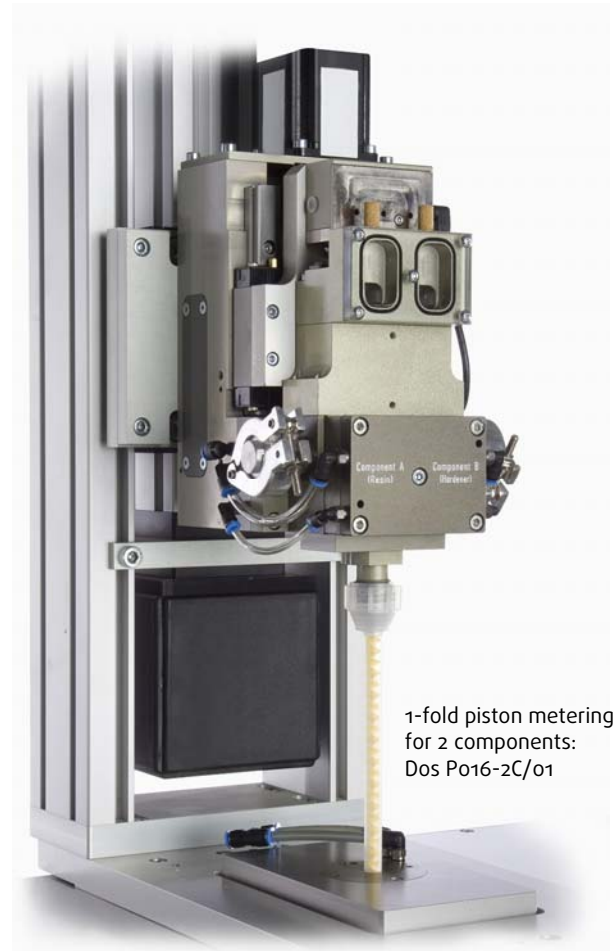
non-abrasive to extremely abrasive, non-filled to highly filled, liquid to high viscous single and two-component materials.

Area of application:

Any kind of work pieces and devices in the electric and electronic manufacturing field.



Applications:
dispensing of cast resin with a viscosity
from 50 to 1.000.000 mpas



1-fold piston metering head
for 2 components:
Dos P016-2C/01

Advantages:

- Absolute constant precision
- Exact mix ratio and metering quantity
- Can be used for metering at atmospheric pressure and for vacuum-assisted metering
- The material is continuously supplied at the right mix ratio and the right quantity, from the start to the stop
- Almost no cleaning and maintenance costs

Function Metering System:

The vacuum-sealed design and the fact that the metering cylinders are filled by pushing and not drawing both result in bubble-free metering (the cylinders are only filled using the material feed pressure). The piston diameters for the resin and hardener determine the mechanically fixed mix ratio, regardless of external influences like temperature, air pressure or viscosity. The dispensing material is expressed through an exactly simultaneous piston movement and guarantees a constant mix ratio.

The resin and hardener are met only in the static mixing nozzle. There is no reactive material of both components inside the metering head, therefore no cleaning and rinsing required.

The rinsing- and protective liquid prevents the piston seals from erosion by removing the filler materials from the rear side of the seals and the cylinder walls and at the same time prevents air moisture damage.

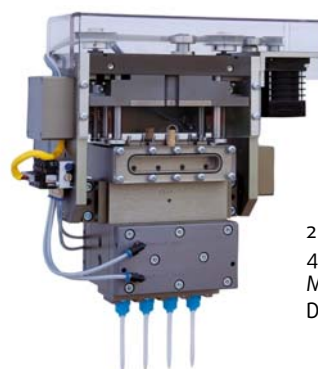
Equipped with robust mechanical driving components, precision motor, linear guides and integrated metering monitoring sensors.



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Variants:

The Scheugenpflug Multiple Metering Head is made up of a number of single metering heads which are joined together in one single mechanical unit and driven by only one common driving unit. Perfect metering precision, regardless of the number of individual metering heads included.



2 component
4-fold Piston
Metering Head:
Dos Pxxx-2C/04

Variants:

Classification variants of the dosing points

