



VOLUMETRIC DOSING DOSING VALVES

Precise pneumatic dosing valves
- independent of material pressure,
temperature and viscosity

PRECISE, REPEATABLE DOSING FOR THE INDUSTRY

In industrial dosing technology, **precise and repeatable application** is crucial to ensure consistent quality and minimize rejects.

The challenge lies in applying **high- and low-viscosity media** easily and in **precisely defined** quantities.

Many companies still rely purely on the manual application of **greases, oils, adhesives etc.** - for example using brushes or syringes.

This often leads to **inaccurate dosing, wasted material** and a high **dependency** on the experience of the operating personnel - increasing the **risk of quality problems** and production downtime.

Complicated and frequent maintenance processes also make operation more difficult and lead to **unscheduled downtimes**.

Our **DV05** and **DV25** pneumatic dosing valves offer **high-precision** dosing that remains constant **regardless of material pressure, temperature and viscosity**.

The **robust design** and **ease of maintenance** make them the ideal choice for a wide range of industrial applications, such as **manual** or **semi-automated processes** at manual workstations.

VERSIONS

Our pneumatic dosing valves are available in two versions for different dosing ranges from **0.003-2.5 cm³**.

For **manual processes** without fixed system integration, we also offer the **HDV05**, a **hand-held version** of the DV05, where the application of the preset quantity is triggered manually.

The **user-friendly design** and the **non-slip grip surface** enable uncomplicated and quick handling and are ideal for use with balancers.



DV05

Dosing quantity
0.003-0.5 cm³

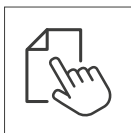


Data sheet



DV25

Dosing quantity
0.02-2.5 cm³



Data sheet



HDV05

Dosing quantity
0.003-0.5 cm³



Data sheet

PRACTICAL EXAMPLE



Greasing result

D+P DOSING DEVICE FOR GREASING SCREWS

This device is used to grease **M16 screws**.

A DV05 ensures **precise, clean greasing** and thus prevents the screws from seizing and facilitates the screwing process.

The **automatic dispensing process** is triggered pneumatically by inserting the screw into the dispensing head; **no PLC** is required.

The **minimal installation effort** makes it ideal for manual workstations.

MORE INFORMATION

PRODUCT CATALOG

You can find our extensive range of dosing technology here:



YOUR BENEFITS



PRECISE DISPENSING

Defined and repeatable Material dispensing - regardless of fluctuations in pressure, temperature or viscosity.



MINIMIZED MAINTENANCE TIMES

Longer service life thanks to low-wear seals and uncomplicated seal replacement in just a few minutes.



ROBUST DESIGN

Long service life thanks to high-quality materials and a robust sealing system.



FLEXIBLE USE

Can be used in manual, semi-automated and fully automated processes, compatible with a wide range of viscous media.



RELIABLE PROCESS MONITORING

Stable dosing quantities thanks to precisely defined piston stroke and optional stroke monitoring to check each dosing.



OPTIMIZED MATERIAL USAGE

Uniform and controlled application without wasting material - no reworking or overdosing due to manual application techniques.

CONTACT US NOW!

From individual dosing components to complex dosing systems and units - our team will be happy to support you with individual advice and find exactly the right solution for you!

☎ **+49 9081 27593 0**
✉ **info@dptechnik.de**



EXACTLY YOUR **SOLUTION!**

D+P,
Dosier- u. Prüftechnik GmbH
Emil-Eigner-Straße 3
D-86720 Nördlingen



www.dptechnik.com