



# CHAMBER DOSING VALVE

DP-K-002-000052 // C-450.10.06  
 DP-K-002-000053 // C-450.10.07

DP-K-002-000008 // C-415.12.00  
 DP-K-002-000009 // C-415.12.21



## APPLICATION

The chamber dosing valve enables dot application of low to high viscosity media. In contrast to the mini dosing valve, it covers a wider range of possible dosing quantities.

## DESCRIPTION

The valve consists of two structurally separate parts. This design prevents uncontrolled leakage of the medium into the pneumatic cylinder and thus prevents interference with the valve needle.

The shot volume can be set within a predefined range (max. 100 ml) using the stop screw. The dispensing cycle is controlled pneumatically or electrically by means of a solenoid valve.

Manual application by hand is just as possible as integration into a fully automated process.

## ADVANTAGES

The chamber dosing valve is characterized by high reproducibility, short cycle times and low maintenance requirements.

The mode of operation also enables higher process reliability as well as a suck-back effect, which prevents dripping of low-viscosity media.

## TECHNICAL DATA

Type	C-450.10.06	C-450.10.07	C-415.12.00	C-415.12.21
Dosing quantity	0.05–0.5 cm <sup>3</sup>	0.1–3 cm <sup>3</sup>	0.5–12 cm <sup>3</sup>	0.5–12 cm <sup>3</sup>
Min. material pressure	40 bar	40 bar	40 bar	40 bar
Max. material pressure	80 bar	80 bar	80 bar	80 bar
Material connection	G 1/8"	G 1/8"	G 1/4"	G 1/4"
Pneumatic connection	G 1/8"	G 1/8"	2 x G 1/8"	2 x G 1/8"
Length x width x height	68 x 30 x 151 mm	68 x 30 x 194 mm	107 x 40 x 171 mm	107 x 40 x 171 mm
Weight	600 g	730 g	1960 g	1960 g



## CHAMBER DOSING VALVE ACCESSORIES

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### HANDLE

DP-K-002-000020 // pneumatic  
DP-K-002-000021 // electric

Handle for dosing valves for manual application.  
Available in electric and pneumatic versions.

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### STROKE MONITORING 2-FOLD FOR DOSING VALVE C415

DP-K-002-000029  
DP-K-002-000034

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### STROKE MONITORING 2-FOLD FOR C-SLOT ON DOSING VALVE C450

DP-K-002-000041

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### STROKE MONITORING 2-FOLD FOR DOSING VALVE C450

DP-K-002-000042