



# EVD 10

Electronic Volumetric Dosing System

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Dosierer

## Functional description

The EVD dosing unit guarantees a precisely defined application of the used material. For the application job, the dosing chamber gets filled with material. The material is then pressed in the direction of the material outlet.

## Product characteristics

- ✓ High speed reaction
- ✓ Simple assembly and disassembly
- ✓ Extendable to a 2C-application system
- ✓ Available as a fully heated system
- ✓ Independent of viscosity variation
- ✓ High lifetime with low maintenance costs
- ✓ Programmable purge and maintenance intervals
- ✓ Easy to maintain due to separate material and drive chamber
- ✓ Precise dosing with a repeat accuracy above 99 %
- ✓ Detailed visualization with control function (output of material, filling level, temperature, pressure, torques, maintenance rate / counter etc. )
- ✓ Dependent regulation of the superior system (e.g. robot), with the possibility of offset or tolerance parameters adjustable via the main control unit



## General technical data

Dimensions (WxDxH)	171 mm x 271 mm x 772 mm
Mass	ca. 11 kg
Operating voltage	42 V DC
Rated current	5,5 A
Power	220 W
Max. temperature	120 °C
Air supply	5-6 bar
Max. application pressure	300 bar
Max. flow rate	0,8 cm <sup>3</sup> /s
Net volume	9,82 cm <sup>3</sup>
Rated speed rpm	3000 rpm
Rated torque	0,74 Nm
Material connection	project specific
Housing material	SS/AL

## Applicable materials

PVC and other sealants

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Fats and lubricants

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Pasty coating materials

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Sealing materials

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Silicones and urethanes

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Epoxy resins and acrylates

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Potting compounds

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Anaerobic adhesives

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Solder pastes

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Colours, varnishes, colour pastes

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Additives

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Suspensions and emulsions

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## Processible product characteristics

Low to medium viscosity

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Highly filled

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Abrasive

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Shear sensitive

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Aggressive

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