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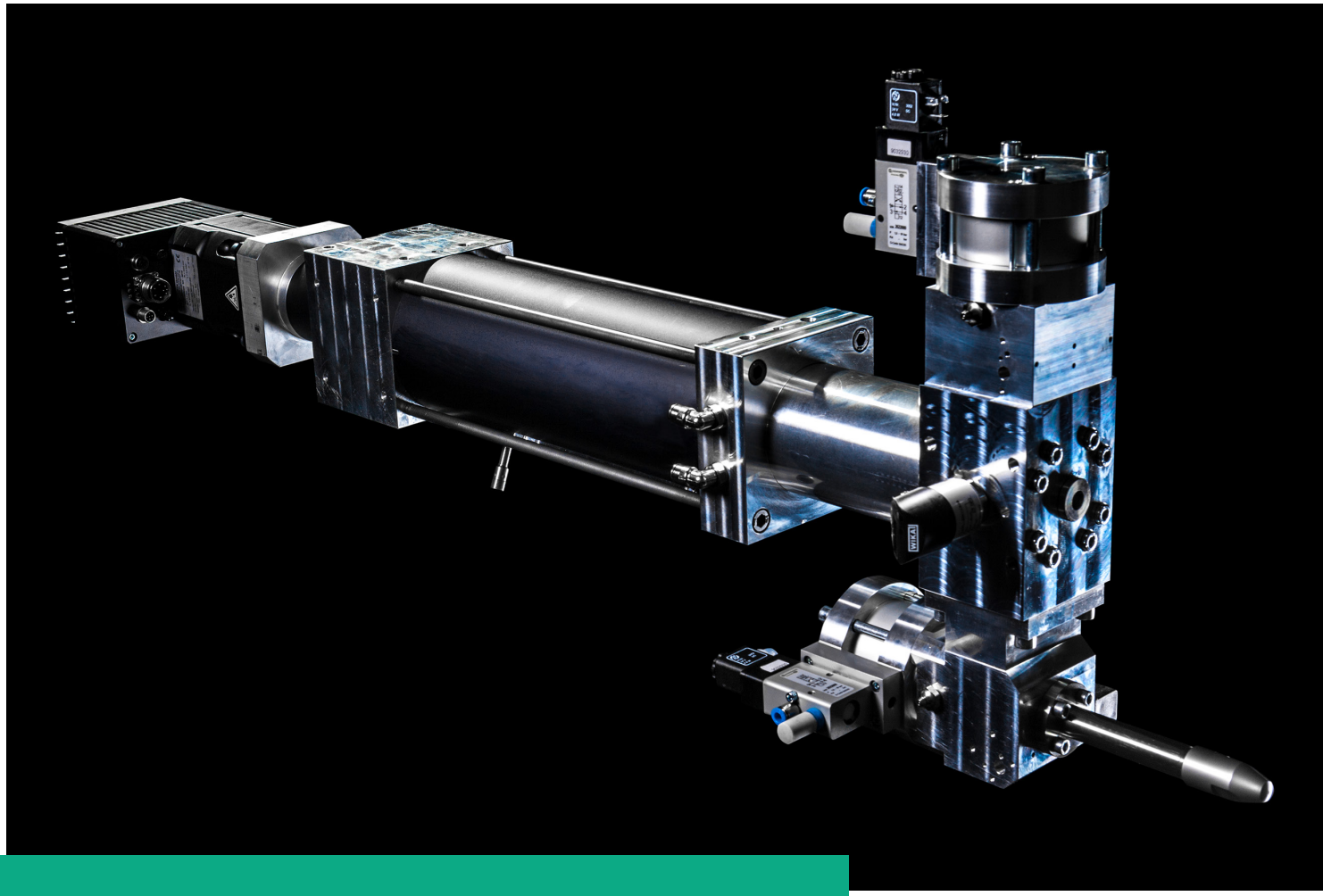

EVD 1.2

Electronic Volumetric Dosing System

Elektrovolumendosierer

German / **English**

Subject to change - 02.01.2025

www.atngmbh.com

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)	105 mm x 189 mm x 470 mm
Mass	ca. 3,2 kg
Operating voltage	24 V DC
Rated current	3,6 A
Power	150 W
Max. temperature	120 °C
Max. application pressure	200 bar
Max. flow rate	0,5 cm^3/s
Net volume	1,1 cm^3
Rated speed rpm	3000 U/min
Rated torque	0,5 Nm
Housing material	SS/AL
Material connection	project specific

Applicable materials

- PVC and other sealants
- Fats and lubricants
- Pasty coating materials
- Sealing materials
- Silicones and urethanes
- Epoxy resins and acrylates
- Potting compounds
- Anaerobic adhesives
- Solder pastes
- Colours, varnishes, colour pastes
- Additives
- Suspensions and emulsions

Processible product characteristics

- Low to medium viscosity
- Highly filled
- Abrasive
- Shear sensitive
- Aggressive

Technical drawing