



# EVD 550

Electronic Volumetric Dosing System

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)	374 mm x 399 mm x 870 mm
Mass	ca. 72 kg
Operating voltage	230/400 V 3AC
Rated current	1,8 A
Power	1000 W
Max. temperature	120 °C
Air supply	5-6 bar
Max. application pressure	300 bar
Max. flow rate	26 cm <sup>3</sup> /s
Net volume	470,46 cm <sup>3</sup>
Rated speed rpm	3000 rpm
Rated torque	3,2 Nm
Material connection	project specific
Housing material	SS/AL

## 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

