

Equipment

Designation	Part number
3CC Shotmeter (♦♦: ON DEMAND)	♦♦
15CC Shotmeter + 3mm Inlet Valve + 3mm outlet Valve (Ø 2.5mm Nozzle)	1K015A170G
50CC Shotmeter + 6mm Inlet Valve + 3mm outlet Valve (Ø 2.5mm Nozzle)	1K050C170G
100CC Shotmeter + 6mm Inlet Valve + 6mm outlet Valve (Ø 5.0mm Nozzle)	1K100D170G
200CC Shotmeter + 6mm Inlet Valve + 6mm outlet Valve (Ø 5.0mm Nozzle)	1K200D170G
400CC Shotmeter + 6mm Inlet Valve + 6mm outlet Valve (Ø 5.0 mm Nozzle)	1K400D170G
600CC Shotmeter (♦: ON DEMAND)	♦

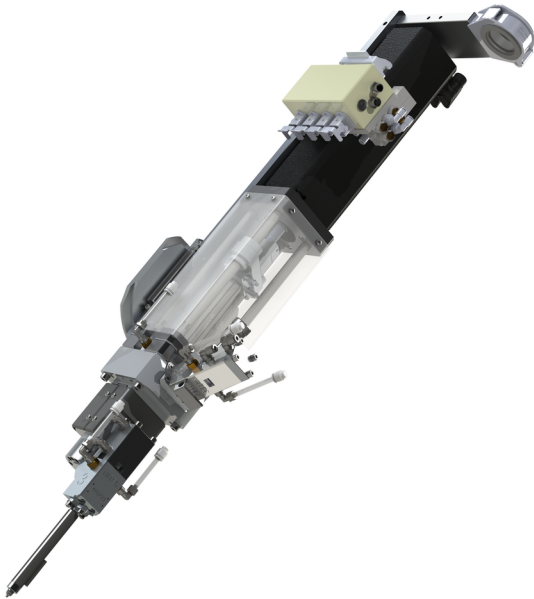
Accessories

Designation	Part number
Nozzle Ø 0.5 mm for 3 mm valve	190017
Nozzle Ø 0.8 mm for 3 mm valve	190009
Nozzle Ø 1.0 mm for 3 mm valve	190001
Nozzle Ø 1.3 mm for 3 mm valve	190005
Nozzle Ø 1.5 mm for 3 mm valve	190002
Nozzle Ø 2.0 mm for 3 mm valve	190003
Nozzle Ø 2.5 mm for 3 mm valve	190004
Nozzle Ø 2.0 mm for 6 mm valve	190720
Nozzle Ø 2.5 mm for 6 mm valve	190725
Nozzle Ø 3.0 mm for 6 mm valve	190730
Nozzle Ø 3.5 mm for 6 mm valve	190735
Nozzle Ø 4.0 mm for 6 mm valve	190740
Nozzle Ø 4.5 mm for 6 mm valve	190745
Nozzle Ø 5.0 mm for 6 mm valve	190750

iNTEC DOSING UNIT

Single component 3,15, 50, 100, 200, 400 and 600cc

High Viscosity / Streaming



APPLY WITH UNBELIEVABLE PRECISION

- Fast and precise
- Simple to maintain
- Modular and customizable

Markets



BOND • PROTECT • BEAUTIFY



INTEC DOSING UNIT

Single component 3,15, 50, 100, 200, 400 and 600cc

Best in class precision dosing solution for high viscosity applications.

This range of dispensers covers **volumes from 3 to 600cc**. These dosing units are the **best in class in terms of precision**. The encoder is able to send more than 250.000 increments per piston's stroke millimeter. This means a huge accuracy on the flow and the quantity applied. INTEC dispensers are **thermally controlled** to ensure repeatable applications in accordance with the recommendations given by the material manufacturers.

The dosing chamber has been specially designed to realize **a good material renewal** and minimize the pressure required to dispense the high viscosity material. The First In First Out (FIFO) construction avoids any retention area where the material could harden or degrade and cause the nozzle to block. All the fluid connections are designed for an **optimized hydraulic flow** avoiding sharp angles and quick change of orientation.

A **multiple selection of seals** allows you to choose the right seal to adapt to the chemistry of the material for compatibility and abrasiveness.. We also have a carbide-carbide sealing solution for the most difficult products. The outlet valves are designed for very **high-speed switching** and closing at the very end of the nozzle. This makes it possible to obtain a very clean and precise application respecting the geometrical specifications of the process. Our outlet valves offer **a large variety of application** style: round bead, flat bead,swirl, slot, stitch bead, triangle section, etc.

Our shotmeter range has been designed with **reliability and quick maintenance** in mind. All **components are easily accessible** and the replacement time has been optimized to make our solution as available as possible for production needs. Furthermore, the capacity of the dosing chamber can be adapted from 50cc to 200cc according to the volume to be applied in your application because the dosing part can be very **easily disassembled and exchanged**.

Technical data table

Designation	Value	Unit: metric (US)
Power Supply	480	VAC
Width	204 (9.5)	mm (")
Depth	290 (11.4)	mm (")
Height	891 to 974 (35 to 38.3)	mm (")
Air Inlet Maximum	6 (90)	Bar (psi)
Maximum Inlet Pressure	300 (4350)	Bar (psi)
Maximum Outlet Pressure	135 to 215 (2000 to 3120)	Bar (psi)
Dispense Volume	45 to 180	cc
Weight	33 to 37 (73 to 82)	kg (lbs)
Max Product Temperature	80	°C



Technologies



Swirl



LASD



Bead



Potting



Droplets

Description

Performance

- 1** Precision: The encoder has more than 250.000 increments per millimeter
- 2** Good material renewal: First In First Out (FIFO) construction
- 3** Pressure drop minimization: All fluid connections are designed for optimized hydraulic flow

Productivity

- 4** Customizable seal pack: adapts to the chemistry of the material for compatibility and abrasiveness.
- 5** Design for a clean cut off: avoid pollution, clean geometry, precise & repeatable dispensing.
- 6** Large choice of applications: flat bead, round bead, swirl, slot, etc.

Sustainability

- 7** The wet parts are easy to replace: (4) screws and a simple pin (8) to uncouple the piston and remove the dosing unit
- 9** Easy access to every component. Maintenance is simple
- 10** Interchangeable dosing chamber sizes between 50, 100 and 200cc: Common spare parts for adapting to the process

