



iNTEC Dosing Unit

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

Apply with unbelievable precision

Product highlights

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



 Additional information

- User manual
- Spare parts
- Accessories
- Documents
- Videos



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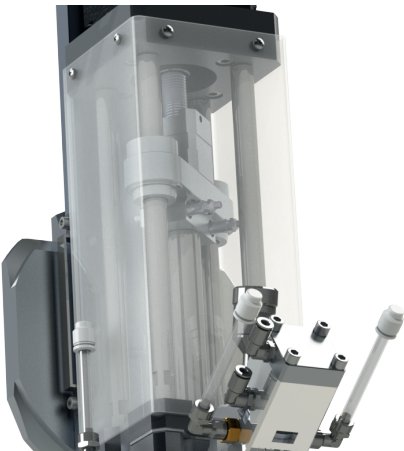
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iNTEC Dosing Unit

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

Best in class precision dosing solution for high viscosity applications



Adapted industrial markets

Technical data table

Designation	Value	Unit
Maximum Air Pressure	6 (90)	bar (psi)
Width/depth	204 (9.50)	mm (in)
Depth	290 (11.40)	mm (in)
Maximum Inlet Pressure	300 (4350)	bar (psi)
Maximum Temperature	80	°C (°F)
Air Inlet Fitting	JICM (NPTF)	

Marking

Product	Type
iNTEC Dosing Unit	CE 0080

Technologies

Description

This range of dispensers covers volumes from 3 to 600 cc. 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 stroke millimeter. This means a huge accuracy for 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 appropriate 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 shot meter 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 200 cc according to the volume to be applied in your application because the dosing part can be very easily disassembled and exchanged.

Performances

- 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 selection 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 for simple maintenance
- 10 - Interchangeable dosing chamber sizes between 50, 100, and 200 cc: Common spare parts for adapting to the process

