

Volumetric Dispensing System for 310ml Cartridges and Silicones



Description

This silicone dispensing system is set up for dispensing from 310ml cartridges. Suitable for dispensing materials like [RTVs and other single part silicones](#), the [preeflow® eco-PEN450](#) uses a progressive cavity principle to dispense material with excellent repeatability and accuracy. The preeflow eco-PEN450 is mounted to a [benchtop robot](#) for the automation of processes such as gasketing, sealing, potting and more, using 1-part silicones, RTVs and solder pastes.

This dispensing system is an example. We would be pleased to [help you put together a dispensing system](#) customised for your particular needs.

Features & Benefits

- Suitable for dispensing high viscosity materials

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- Volumetric accuracy of dispense
- Reduced material stress
- Improved productivity
- Repeatable and consistent results
- System fits easily onto a benchtop
- Easily programmable using the included teach pendant

Case Studies

Volumetric Dispensing System for 310ml Cartridges and Silicones



CASE STUDY

Fisnar
Dispensing robot

preeflow® eco-PEN
600
Precision volumetric
dosing pump

flowplus¹⁶
Inline fluid sensor






adhesives, coatings, sealants & equipment
for your manufacturing and technology applications



[Automated dispensing helps security manufacturer increase throughput and quality](#)

GJD Manufacturing switched to an automated method of dispensing silicone for sealing a plastic lens to aluminium housing. By doing this, they improved the throughput and quality of their white-light and infrared LED illuminators for the security industry.

Ordering Information

| Part number | Description |
|--------------------------|---|
| VIS20092 | preeflow eco-PEN450 precision volumetric dispensing valve |
| VIS20120 | preeflow eco-CONTROL EC200-K desktop unit |

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| Part number | Description |
|---------------------------|---|
| FISCR300 | 310ml Cartridge Retainer – metal body |
| FISF4503 | 500 x 500mm work area 3-axis robot (other robot sizes available) |
| Enclosure | A range of safety enclosures are available with light curtains, interlocked doors, etc. |

Let's start by talking about your application

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orders@intertronics.co.uk

- Name*
- Company*
- Phone*
- Email*
- Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

-
- Tell us about your application

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Supplied by:

intertronics

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e info@intertronics.co.uk

Last updated: November 2022 Version: 3.2

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