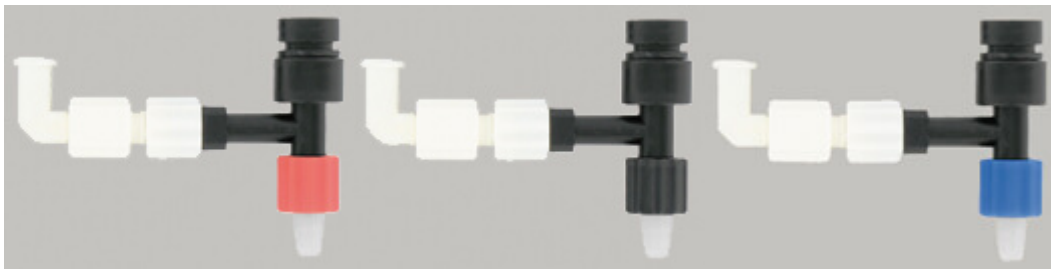


IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



Description

The **IDMVG DV5005DFS Positive Displacement Auger Valve** has been developed to accurately dispense high viscosity materials and has a disposable fluid path. The cartridges are easily interchanged for simple clean-up, allowing for continuous operation, and contain acetal auger screws which are hard wearing and have low surface energy for clean dispensing. Three versions of the disposable auger cartridge are available: 6, 8 and 16 pitch.



The valve allows for easy maintenance and is suitable for abrasive materials and two-part fluids, solder pastes and SMD adhesives. It has a short fluid path with no dead space, minimising material wastage. The **IDMVG DV5005DFS Positive Displacement Auger Valve** delivers precise, repeatable dots and beads for any automated or manually operated application.

Valve Controller

IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



The Positive Displacement Auger Valve is used in conjunction with the VC1100 Digital Valve Controller. The valve controller has 8 program spaces available that can be selected manually via the front panel, or alternatively via the I/O interface. Digital pressure monitoring, graphical display, and



easy operation round out the overall picture.

Features & Benefits

- Positive displacement provides accuracy
- Disposable fluid path cartridges provide flexibility and reduce cleaning time

Applications

- Solder pastes
- Two part adhesives and encapsulants

IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



- Silicones (RTV)
- SMD adhesives
- Thermally conductive pastes
- Greases

Specifications

Auger Valve

Specification	
Viscosity	Minimum ~30,000-50,000 mPas
Weight	235g
Dimensions	153 x 40 x 34mm
Material input	Female Luer Lock
Material output	Male Luer Lock
Motor	24V DC, 6 watt
Maximum speed	400 rpm

IDMVG DV5005DFS Positive
Displacement Auger Valve with
Disposable Fluid Path



Specification	
Auger / cartridge	Acetal / PE

Valve Controller

Specification	
Weight	1.45kg
Dimensions	235 x 210 x 70mm
Voltage	85 – 264V AC
Pneumatic outlet	0-58 psi precise pressure regulator

Ordering Information

IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



Part number	Description
IDMVG DV5005DFS	Positive displacement auger valve
IDMVG VC1140	Valve controller
IDMVG DFS6-A	Replacement auger cartridge with acetal screw – 6 pitch (red)
IDMVG DFS8-A	Replacement auger cartridge with acetal screw – 8 pitch (black)
IDMVG DFS16-A	Replacement auger cartridge with acetal screw – 16 pitch (blue)
IDMVG DFS4-SS	Replacement stainless steel auger screw – 4 pitch
IDMVG DFS6-SS	Replacement stainless steel auger screw- 6 pitch
IDMVG DFS8-SS	Replacement stainless steel auger screw – 8 pitch

**IDMVG DV5005DFS Positive
Displacement Auger Valve with
Disposable Fluid Path**



Part number	Description
IDMVG DFS16-SS	Replacement stainless steel auger screw – 16 pitch

Let’s start by talking about your application

IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



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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

IDMVG DV5005DFS Positive Displacement Auger Valve with Disposable Fluid Path



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