

Gear Pump for Encapsulation Units VARD2Go

Drive Article N° PE. 02220

The Reglo gear pump systems offer precise flow control and highly accurate fluid dispensing ideal for laboratory, process, and field use. All Reglo precision drives include a highly accurate, maintenance-free motor and an easy-to-navigate touch screen that makes setup and operation easier than ever. The paired gear pump heads provide smooth pulseless flow for precise, leak-free delivery of fluids. The magnetic drive and static seals keep fluids securely inside and potential contaminants out of the pump head.



Pump specifications

Flow rate range

Pump head Z-186 P (PE-01068) for VARD2Go single nozzle min. 1.7ml/min (at 100rpm) to max. 68ml/min (at 4'000 rpm)

Pump head Z-140 P (PE-01140) for VARD2Go multi-nozzle min. 64ml/min (at 100rpm) to max. 2'560ml/min (at 4'000 rpm)

Operating temperature range

for head Z-186 P: - 46° +177°C

for head Z-140 P: - 46° +54°C



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- MasterflexLive® is a secure, cloud-enabled platform for monitoring Masterflex pumps
- Systems come with a Micropump® A-mount gear pump head for flow ranges from 1.7 to 4680 ml/min
- Glove-friendly 5+(12.7 cm) capacitive TFT/RGB touch screen offers crisp resolution and a wide viewing angle
- Flexible operational control via screen or analog remote control
- Compact, benchtop pumps optimize ease of use, accuracy, and reliability
- Continuous run, volume dispense, and time dispense modes -- batch control and interval/off time in Volume and Time modes
- Easily save and retrieve commonly used dispense programs for rapid setup
- Speed ramping available in Volume dispense mode . ensure accuracy and minimize sample loss
- Three-level user access . gives you the option of controlling who can operate the pump and at what level

Motor speed

100-4000rpm

Power Supply

115/230VAC, 50/60Hz

Motor enclosure type

IP31 per IEC 60530

Dimensions

14,6x19,4x16,0cm (WxLxH)