

Gear Pump for Encapsulation Units VAR D and E

REGLO-Z Digital

Drive Article N° PE – 01067

It is compact, pulse free dispensing pump with excellent repeatability. Flow rate and dispensing volume can be calibrated.



Pump specifications

Flow rate range

Pump head Z-186 P for VAR D min. 0.85ml/min (at 50 rpm) to max. 85 ml/min (at 5'000 rpm)

Pump head Z-140 P for VAR E min. 32 ml/min (at 60 rpm) to max. 3'200 ml/min (at 5'000 rpm)

Accuracy - Repetitive Error

0.1% at 100ml

Weight

1.7 kg (3.7 lb) (without pump-head)

Dimensions

178 x 100 x 135 mm (7" x 3.9" x 5.3 ") (without pump-head)

Operating panel

- 6-button membrane key-pad
- LED display

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Operating modes

- pumping by drive speed (rpm)
- pumping by flow rate (ml/min)
- dispensing by volume (ml)
- dispensing by time (0.1s up to 999hrs)
- dispensing by volume within a pre-set time
- interval dispensing by volume with a pause
- interval dispensing by time with a pause
- setting the number of dispensing cycles
- pause time setting (from 0.1s up to 999hrs)
- back-steps for drip-free dispensing
- reversible rotation direction (only for Cavity Style pumpheads)

Motor speed

50-5000 rpm

Motor type

DC Motor

Power consumption

60W

Power Supply

100 – 230 VAC / 50 – 60 Hz

Speed setting

Digital speed setting (resolution 1 rpm)

Environmental conditions

Operating temperature range

for head Z : 186P - 46...+177C° VAR D (PE-01068)

for head Z : 140P- 46...+54C° VAR E (PE-01140)

Humidity

Protection Rating IP30