

GD30I

CREAM FILLING MACHINE



- From 10 ml to more than 2 litres
- Accuracy better than +/-1%
- Sanitary tube couplings
- High viscosity capabilities
- Many accessories for handling various filling set-ups

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GD30I TECHNICAL SPECIFICATIONS

GD30I is a gear pump filler in the Watson-Marlow Flexicon Multi Filling System and fills both liquid and cream products in volumes from 10 ml to more than 2 litres.

GD30I handles creams and liquids with a viscosity higher than water, depending on the choice of accessories.

GD30I can work as a single filler or as one of several filling stations in a larger production system.

GD30I performs up to 1,750 fillings per hour.

GD30I is controlled via an RS-485 serial communication from Watson-Marlow Flexicon's MC12.

The pump reversal feature means that GD30I can produce a back suction after a filling is completed, thus preventing dripping from the filling nozzle.

To prevent splashing or foaming GD30I has programmable soft start and stop, as well as speed control.

GD30I has Teflon coated stainless steel gears and the pump housing is made of AISI316 stainless steel.

Due to easy dismantling the parts of GD30I are very easy and quick to clean.

GD30I can be supplemented with a wide range of accessories such as pneumatic filling nozzles, filling stands and a feed hopper for high viscosity products.

Filling volume:
10 ml to more than 2 litres

Accuracy:
Better than +/-1%, depending on the viscosity

Flow:
850 to 12,000 ml/min., depending on the viscosity

Pump head:

- Positive gear pump
- Housing made of AISI316
- Gears in Teflon coated AISI316
- Teflon bearings

Mains:
110/240 VAC earthed

Power consumption:
Max. 350 W

Enclosure:
Anodised aluminium and stainless steel

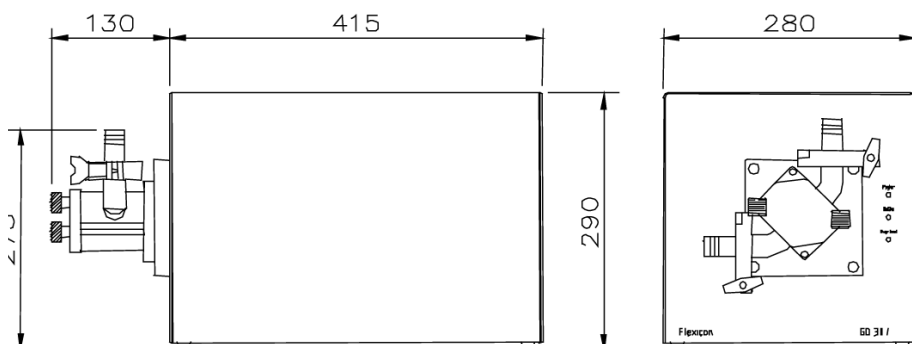
Ingress protection:
IP55

Weight:
22 kg

Interface:

- RS-485 multi-drop network
- 2 x (5-50 VDC) inputs for start and disable
- 2 x (24 V/100 mA) outputs for status

Accessories:
Filling nozzles, filling stand, foot switch, feed hopper, etc.



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