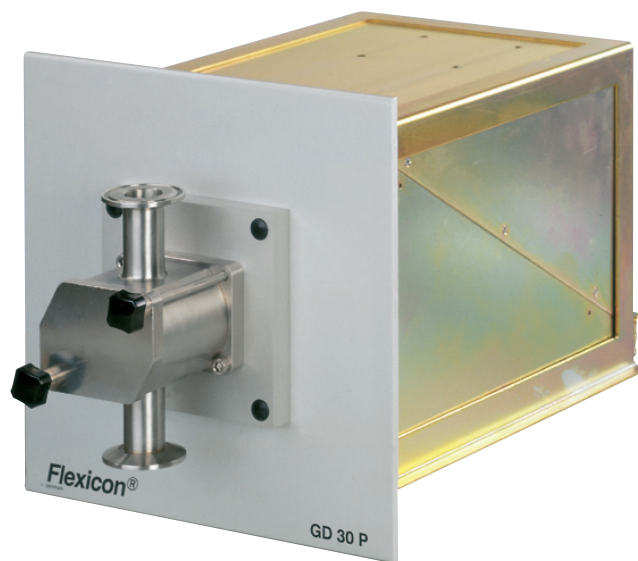


GD30P

OEM CREAM FILLING MACHINE



- From 10 ml to more than 2 litres
- Accuracy better than +/-1%
- Sanitary tube couplings
- High viscosity capabilities
- Multiple GD30P heads are easy to integrate into filling lines

Watson-Marlow Flexicon

Frejasvej 2-6
DK-4100 Ringsted
Denmark
Tel. +45 57 67 11 55
Fax. +45 57 67 05 41
flexicon@flexicon.dk
www.wmflexicon.dk



GD30P TECHNICAL SPECIFICATIONS

GD30P is a gear pump filling head in the Flexicon Multi Filling System and can be used for filling many different products, ie. cosmetics and chemicals.

GD30P can work as a single filler or as one of several filling heads in a larger production system. The filling heads can be operated in individual, serial or parallel mode.

GD30P performs up to 1,750 fillings per hour.

GD30P is intended for panel mounting and functional integration into line filling systems or monobloc systems.

GD30P is ideal for replacement of existing filling heads.

GD30P is mounted on a front plate for easy fitting into your panel. Fitting to the panel is done by means of a frame and very few screws and is carried out in a few minutes. GD30P can be fitted into panels with a recommended plate thickness between 2–8 mm.

The aperture in your panel must be 223 x 223 mm. Allow space in your cabinet for the front plate of GD30P and for mounting of cables etc. on the rear of GD30P.

GD30P is controlled via an RS-485 serial communication from Flexicon's MC12 master controller.

Multiple GD30P heads can be connected by means of a control cable connecting each head to the next one in line. Only pump no. 1 has a control cable, which connects all the filling heads to the MC12. Each pump is connected individually to the power supply. Up to 16 heads can be controlled by one MC12.

The pump reversal feature means that GD30P can produce a back suction after a filling is completed, thus preventing dripping from the filling nozzle.

To prevent splashing or foaming GD30P has programmable soft start and stop, as well as speed control.

GD30P has Teflon coated stainless steel gears and the pump housing is made of AISI316 stainless steel.

Due to easy dismantling the parts of GD30P are very easy and quick to clean.

GD30P can be supplemented with a wide range of accessories such as pneumatic filling nozzles 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:
Front in anodised aluminium

Ingress protection:
IP55

Weight:
18 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, foot switch, feed hopper, etc.