

## DF32

### POSITIVE DISPLACEMENT FILLING MACHINE

- Oil and cream filler
- 10 to 5,000 ml per fill
- Compatible with pharmaceutical production
- Filling parameters can be saved for different applications
- For tabletop applications or integration into automatic filling lines

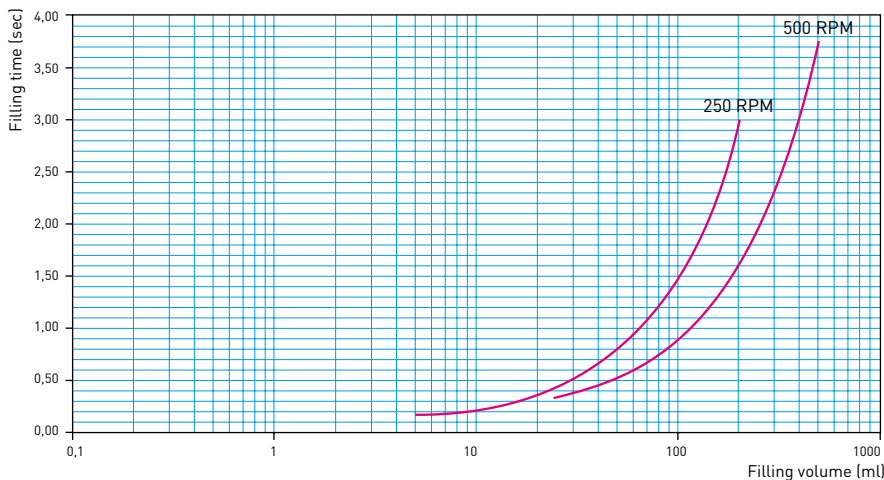


WORLD LEADERS IN ASEPTIC PERISTALTIC FILLING



# DF32 TECHNICAL SPECIFICATIONS

## DF32 – capacity diagram (based on water)

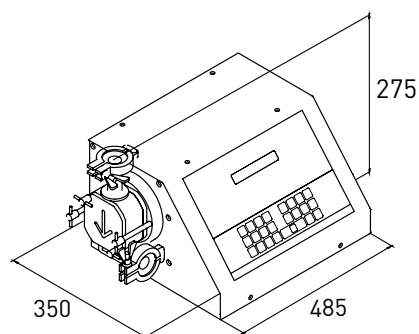


DF32 is an extremely flexible liquid and cream filling machine, which can fill volumes from 10 ml to more than 5,000 ml with an accuracy better than +/-1%. This outstanding level of performance is achieved without any change parts other than the filling nozzle.

The pump head is manufactured out of materials such as AISI316 and PEEK, which are compatible with pharmaceutical production.

The DF32 positive displacement pump generates no flow pulsation and is extremely gentle towards the product being filled. Therefore, the product will stay homogeneous.

DF32 is equipped with electrical interface ports, which allow use of



a foot pedal or integration with automatic bottle handling systems. It also has an RS232 port for connection to a printer for real-time production documentation.

It can be applied for tabletop filling applications or connected to an automatic bottle handling system.

Splashing and foaming can be prevented by a simple adjustment of the acceleration or the fill speed.

Moreover, the reverse function of the pump as well as the integrated control for pneumatic filling nozzles will prevent dripping between each fill.

The DF32 can be connected to a product tank by means of a hose, sanitary connectors and clamps.

Alternatively, when filling very viscous products a hopper can be mounted on top of the pump head.

A wide range of accessories are available for the DF32. For example, hose connectors in various sizes, pneumatic filling nozzles with inside or outside valves, separate filling stands, a foot pedal for manual activation, a hopper and pneumatic diving nozzle system can be supplied.

**Filling volume:**  
10 ml to 5,000 ml

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

**Flow:**  
500 to 8,000 ml/min., depending on the viscosity

**Pump head:**  
Positive displacement pump made of AISI316 and PEEK

**Mains:**  
110/230 VAC earthed, 50/60 Hz  
Compressed air, 6 bar

**Power consumption:**  
Max. 350 W

**Cabinet:**  
Anodised aluminium and stainless steel  
AISI304 with integrated filling stand in stainless steel

**Ingress protection:**  
IP31

**Weight:**  
22.5 kg

**Interface:**  
– Input for start  
– Open collector output for status (busy/not busy)  
– RS232 for printer

**Accessories:**  
Filling nozzles, filling stand, foot switch, feed hopper, diving nozzle system etc.

