

## UP20

### UNPLUGGING AND PLUGGING



- Removal and insertion of stoppers at filling station
- Accessory for FF20
- No handling by operator
- 20 units/minute
- For 13 mm and 20 mm stoppers

## 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



# UP20

# TECHNICAL SPECIFICATIONS

UP20 unplugging and plugging device is designed for removing a stopper from a vial, allowing filling of the vial and re-inserting of the same stopper into the vial - without intervention by the operator. This allows filling of pre-sterilised vial-stopper combinations where very small sterile environments are available, such as in laboratories or test facilities.

UP20 is designed to work in combination with the FF20 bottle handling system and PF6 (or other Flexicon fillers). This combination will provide a fully automatic system for filling and stoppering of pre-stoppered and sterile vials.

Through very few change parts, UP20 can be used for both 13 mm and 20 mm stoppers. Exchange of change parts is easily done. Change parts are included in the system.

UP20 is designed to support Watson-Marlow Flexicon filling needles of the FMB type.

UP20 can be installed on an existing FF20, at the clients' site, by use of very few tools. The fitter is guided through the installation process, by a step-by-step guidance in the manual.

UP20 replaces the existing filling stand and filling needle holder on the FF20.

### Applications:

Removal and insertion of standard stoppers (13 mm and 20 mm) from pre-sterilised vials

### Mains:

115 / 230 VAC – 50 / 60Hz

### Power consumption:

Max. 50 W

### Pneumatic connection:

6 bar clean and dry air – through FF20

### Air consumption:

Depends on the application

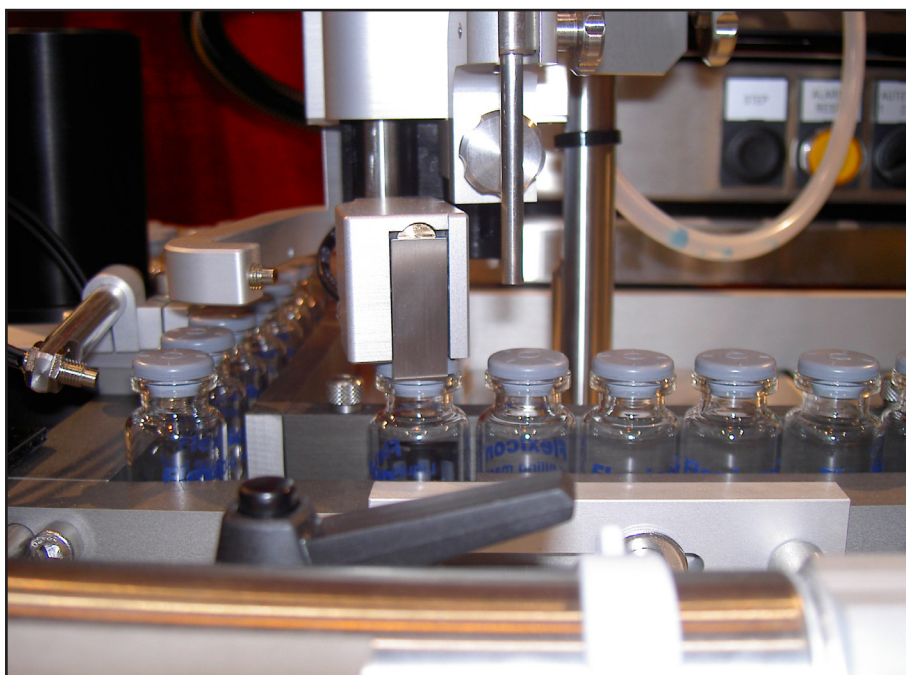
### Machine finish:

Stainless steel, anodised aluminium and plastic

Stopper contact parts: AISI 316L

### Ingress protection:

IP31 for control box



*UP 20 removes the stopper prior to filling.  
After filling the same stopper is re-insterted.*