

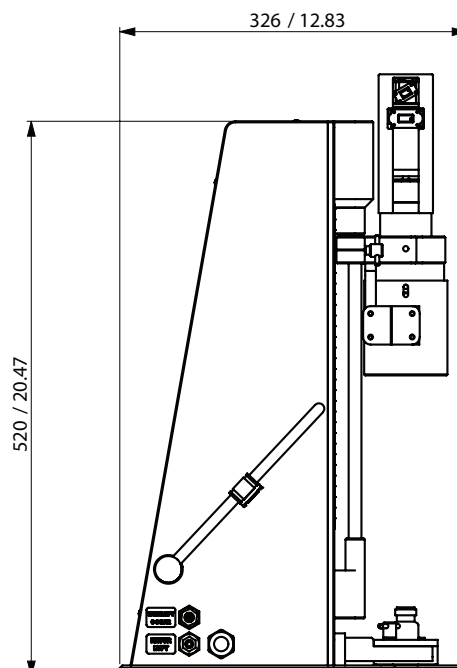
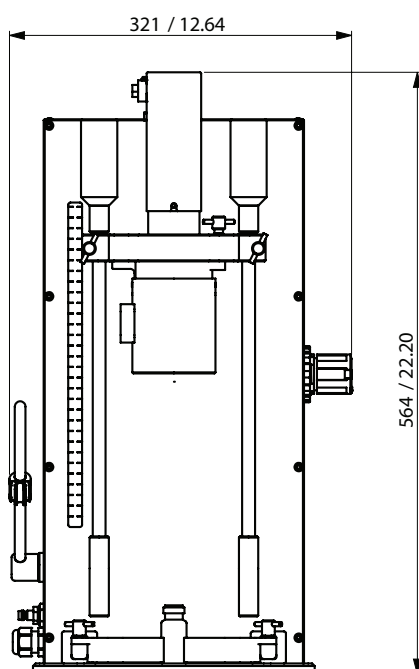
FCE50L AND FCE25L

FLEXIBLE SCREW CAPPING WITH PRECISE ELECTRONIC TORQUE AND DATA LOGGING

- Reduce process validation costs for screw capping
- Log applied torques for batch reporting
- Electronic torque control with an accuracy of better than ± 10 Ncm / ± 0.9 lbs-inch
- Prevent bottle leakage due to pressure changes during air transport
- Protect properties of liquid
- Prevent repetitive strain injuries
- Excellent for biopharm and diagnostic applications under laminar flow
- Ensure that caps can be released manually



FCE50L/FCE25L with an illuminating start button to show that required torque has been achieved



Dimensions mm / inches

TECHNICAL SPECIFICATIONS

Torque ranges:

FCE50L: 50 - 450 Ncm (Standard model)

FCE25L: 25 - 180 Ncm (Optional model)

Accuracy:

Better than ± 10 Ncm / ± 0.9 lbs-inch

Bottles:

Heights: Min. 35 mm - Max. 240 mm

Sizes: Min. $\varnothing 15$ - Max. $\varnothing 100$ mm or odd shape max. 100 x 100 mm

Caps:

Diameter: Min. $\varnothing 12$ mm – Max. $\varnothing 42$ mm OD

Height: Min. 5 mm – Max. 40 mm

Capacity:

Approx. 720 per hour. (Depending on operator)

Output values via Ethernet connection:

CSV file for conversion into Excel format with recipe name, bottle number, measured torque in Ncm, time and date

Service points:

Power: 200-240VAC, 50/60 Hz

Air supply: Min 5 bar. Max. 10 l/min free air

Connection for collection of used compressed air

Power consumption

FCE50L: 100 W (Standard model)

FCE25L: 200 W (Optional model)

Ingress protection:

Capping unit: IP22

Control box with electrical components: IP54

Weight:

Capping unit: 26 kg

Control box: 21 kg

Materials:

AISI304, anodized aluminium, POM, PMMA

Format change between different bottles or caps:

Max. 5 minutes

IQ/OQ:

Optional protocol and report



*Customised format parts for bottles and screw caps.
A changeover can be done in less than 5 minutes.*



Dimensions of control box with touch screen:
D223 x H502 x W514mm / D8.8 x H19.8 x W20.2 inches