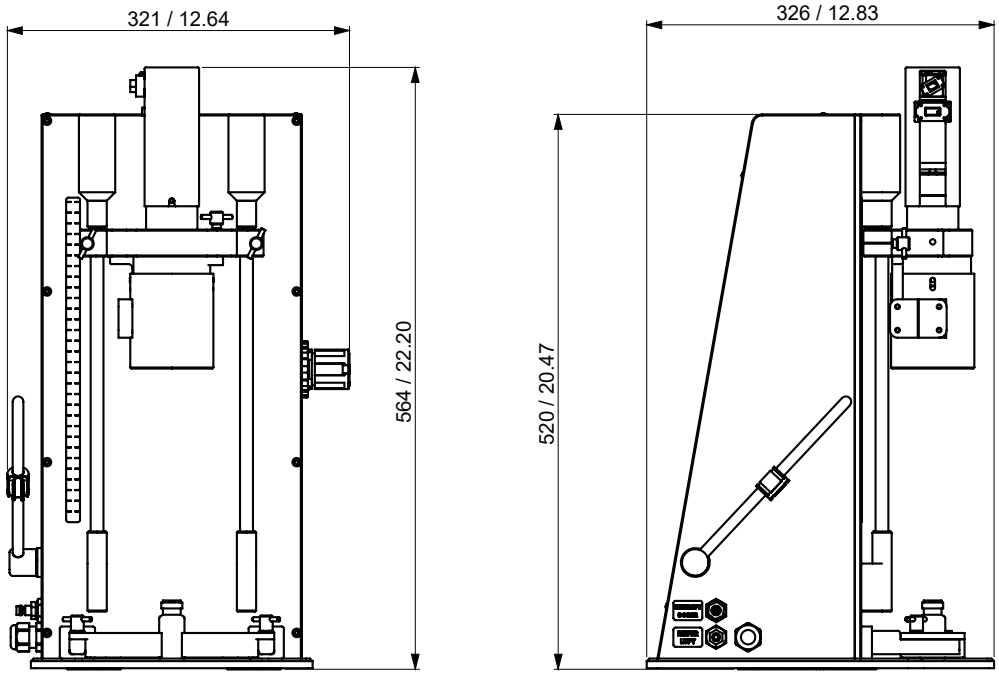
FCE50L

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 with an illuminating start button to show that required torque has been acheived



Dimensions mm / inches

TECHNICAL SPECIFICATIONS

Torque ranges:
FCE50L: 50 - 450 Ncm (Standard model)

Accuracy:
Better than ±10 Ncm / ±0.9 lbs-inch

Bottles:
Heights: Min. 35 mm - Max. 240 mm
Sizes: Min. Ø15 - Max. Ø100 mm or odd shape max. 100 x 100 mm

Caps:
Diameter: Min. Ø12mm – Max. Ø42mm 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)

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

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Rev 24.03.2021