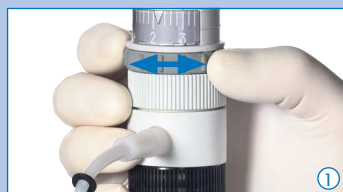


Calibrex™ universal

your choice for flexibility and performance



► Friendly volume setting ①

Fast and precise adjustment. Efficient click-stop mechanism prevents unwanted alteration. Large display is easy to read; the window adjusts to desired side of instrument body. Each step on the cylindrical cam is pre-calibrated and corresponds to one division on the volume graduation.



► Optimized working position ②

The instrument rotates 360° for adequate positioning on top of the bottle.

► Air filter ③

Air inlet can be enlarged to receive a Luer membrane filter, if airborne contamination is a concern.



► In-lab calibration ④

Dispensers are factory calibrated and can be easily recalibrated. Integrated adjustment screw bears clear setting indications.

► Easy maintenance ⑤

Disassembling/reassembling is facilitated by the limited number of elements – no tool needed. Fully autoclavable at 121°C / 250°F.

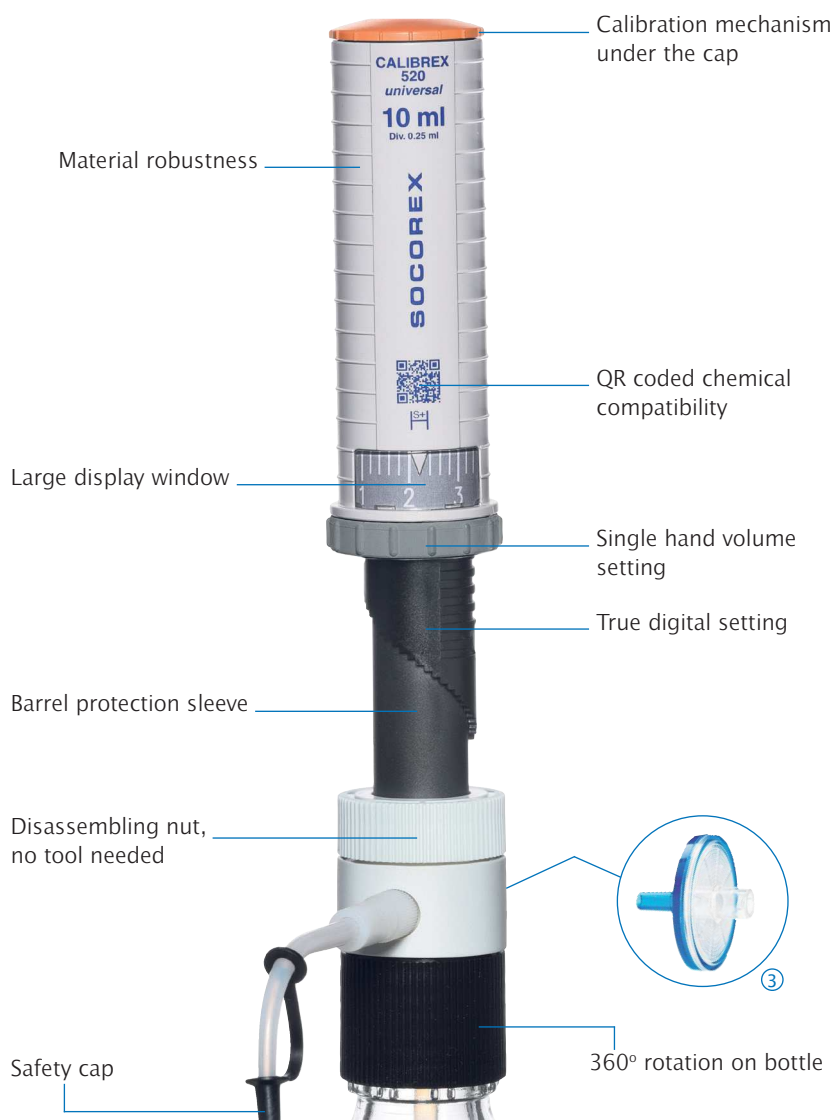
Calibrex™ universal

Calibrex™ universal 520 has a PFA coated plunger preventing the crystallization of chemicals. Made of high-tech materials, it provides for broad chemical resistance and is universally adapted for most laboratory reagents.

520

universal

0.25 – 2 mL
1 – 5 mL
1 – 10 mL



Superior material selection

Special attention is paid to component materials, providing for long instrument life. Parts coming in contact with the liquid flow are chemically inert.

Chemical resistance

Printed QR code for instant access to chemical resistance chart.



Parts	Materials
Feed tube	PTFE
Intake valve	Ceramic
Valve balls	Pyrex glass
Valve spring	Platinum-iridium
Barrel	Borosilicate glass
Barrel plate / base	PTFE
Plunger	Glass with PFA coating
Outlet valve	Ceramic
Body	ETFE
Delivery jet assembly	PTFE/ETFE

Performance – Calibrex™ 520

Volume mL	Division mL	Inaccuracy (E%)			Imprecision (CV%)		
		Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.
0.25 – 2	0.05	< ± 3.0%	< ± 1.8%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%
1 – 5	0.1	< ± 2.0%	< ± 1.3%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%
1 – 10	0.25	< ± 1.5%	< ± 1.1%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%

Performance values obtained with bidest water at constant temperature ($\pm 0.5^\circ\text{C}$) comprised between 20 and 25°C in accordance with ISO 8655.