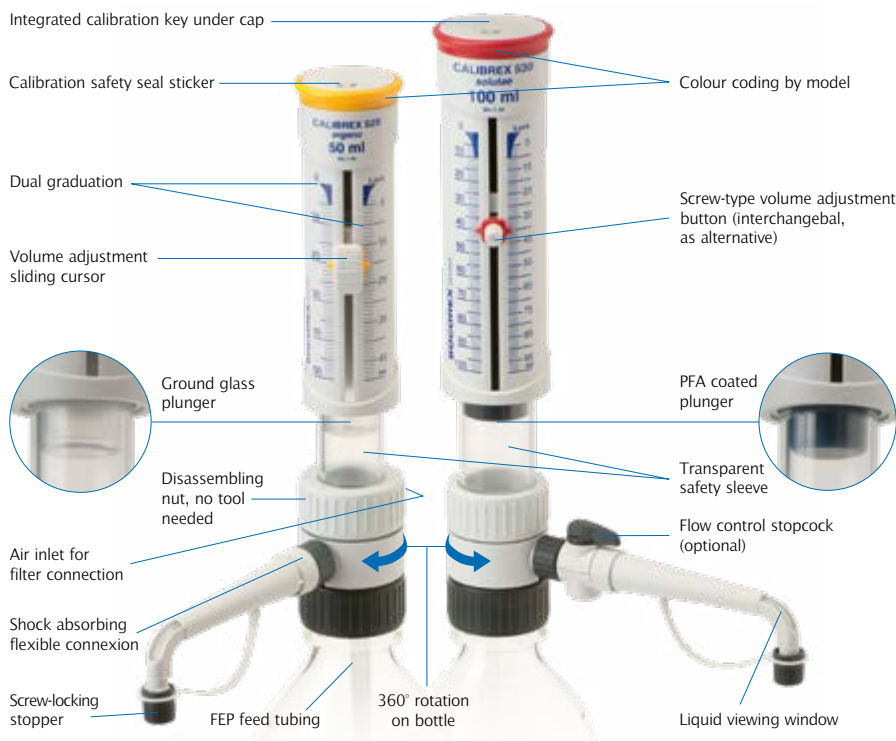


Model differentiation Calibrex™ 520, 525 and 530



Air filter ①
Air inlet can be enlarged to receive a membrane filter, if airborne contamination is a concern.



Easy In-lab calibration
② Access to mechanism protected by safety seal sticker.
③ Integrated key located under plunger cap. Engraved +/- arrows for easy and precise setting.



Maintenance ⑤
Disassembling/reassembling facilitated by limited number of well-connected parts – no tool needed. Key elements such as valves, plunger, barrel and delivery jet removable in seconds for cleaning. Fully autoclavable at 121°C / 250°F.



Material selection

Parts in contact with liquid flow are chemically inert, providing for stability and long instrument life.

Parts	525 organo	530 solutae
Feed tubing 1 to 10 mL	PTFE	
Feed tubing 25 to 100 mL	FEP	
Valve body	Ceramic	
Valve balls 1 to 10 mL	Pyrex glass	
Valve balls 25 to 100 mL	Ceramic	
Valve spring	Platinum-iridium	
Valve plate	PTFE	
Barrel	Borosilicate glass	
Plunger 1 to 5 mL	Ceramic	PFA coated ceramic
Plunger 10 to 100 mL	Ground glass	PFA coated glass
Connecting body	ETFE	
Delivery jet	FEP / PCTFE	
Stopper	ETFE	

Chemical resistance ④

Printed QR code for instant access to chemical resistance chart.

Performance and ordering information - Calibrex™ organo 525 and solutae 530

See page 23 for supply content.

Volume mL	Division mL	Inaccuracy (E%)			Imprecision (CV%)			Calibrex™ organo 525		Calibrex™ solutae 530	
		Min.vol	Mid.vol	Max.vol	Min.vol	Mid.vol	Max.vol	Regular, (no stopcock)	With stopcock	Regular, (no stopcock)	With stopcock
0.1 - 1	0.02	≤± 3.0 %	≤± 1.8 %	≤± 0.6 %	< 1.2 %	< 0.7 %	< 0.17 %	525.001	525.001FC	530.001	530.001FC
0.25 - 2.5	0.05	≤± 2.7 %	≤± 1.6 %	≤± 0.6 %	< 0.9 %	< 0.55 %	< 0.17 %	525.002.5	525.002.5FC	530.002.5	530.002.5FC
0.5 - 5	0.1	≤± 2.0 %	≤± 1.3 %	≤± 0.6 %	< 0.5 %	< 0.35 %	< 0.1 %	525.005	525.005FC	530.005	530.005FC
1 - 10	0.2	≤± 1.5 %	≤± 1.2 %	≤± 0.6 %	< 0.5 %	< 0.35 %	< 0.1 %	525.010	525.010FC	530.010	530.010FC
2.5 - 25	0.5	≤± 1.5 %	≤± 1.1 %	≤± 0.6 %	< 0.5 %	< 0.35 %	< 0.1 %	525.025	525.025FC	530.025	530.025FC
5 - 50	1.0	≤± 1.5 %	≤± 1.1 %	≤± 0.6 %	< 0.5 %	< 0.35 %	< 0.1 %	525.050	525.050FC	530.050	530.050FC
10 - 100	1.0	≤± 1.5 %	≤± 1.1 %	≤± 0.6 %	< 0.5 %	< 0.35 %	< 0.1 %	525.100	525.100FC	530.100	530.100FC

Performance values obtained by a smooth and steady pace movement, with bidist. water at constant temperature (± 0.5°C) comprised between 20 and 25°C, in accordance with ISO 8655. Warning: omission to untighten connecting body ring before autoclaving, and / or over-tightening ring when dispensing may reduce performance.