

Calibrex™ *organo* / *solutae*

your choice - for flexibility and performance

new

bottle-top dispensers



This new generation is intended for the safe and reproducible liquid distribution of volumes up to 25, 50 and 100 mL.

Calibrex™ *organo* 525 includes a ground glass plunger, best suited for organics, non-crystallizing acid and base solutions.

Calibrex™ *solutae* 530 has a PFA coated plunger preventing plunger and barrel from seizing together. This enables trouble free distribution of salt solutions, weak and strong acids, as well as bases.

The Calibrex™ line features:

- Selection between *organo* and *solutae* models for best chemical resistance
- Permanent fluid path visibility
- Integrated calibration system
- Choice of adjustment button with each unit
- Long lasting performance stability
- Autoclavable at 121°C fully assembled



The Calibrex™ models

525

organo

530

solutae

 **SOCOREX**
SWISS

Calibrex™ organo / solutae

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> Choice of setting buttons

Spring loaded sliding cursor ① softly moves up and down along scale and precisely stops at desired graduation. Alternative classical screw button ② supplied with each dispenser for easy exchange.



> Colour coding

Yellow for *organo* model best suited for organics, non-crystallizing acid and base solutions. Red for *solutae* model enabling trouble free distribution of salt solutions, weak and strong acids, as well as bases.

> Easy In-lab calibration ③

Mechanism with integrated key located under plunger cap. Engraved instructions for fast and correct setting. Access protected by seal sticker.



> Material selection

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

Parts	525 models	530 models
Feed tube	FEP	
Valve	Ceramic	
Valve balls	Ceramic	
Valve springs	Platinum-iridium	
Valve plate	PTFE	
Barrel	Borosilicate glass	
Plunger	Ground glass	PFA coated glass
Body	ETFE	
Delivery jet	FEP / PCTFE	
Stopper	ETFE	

> Chemical resistance

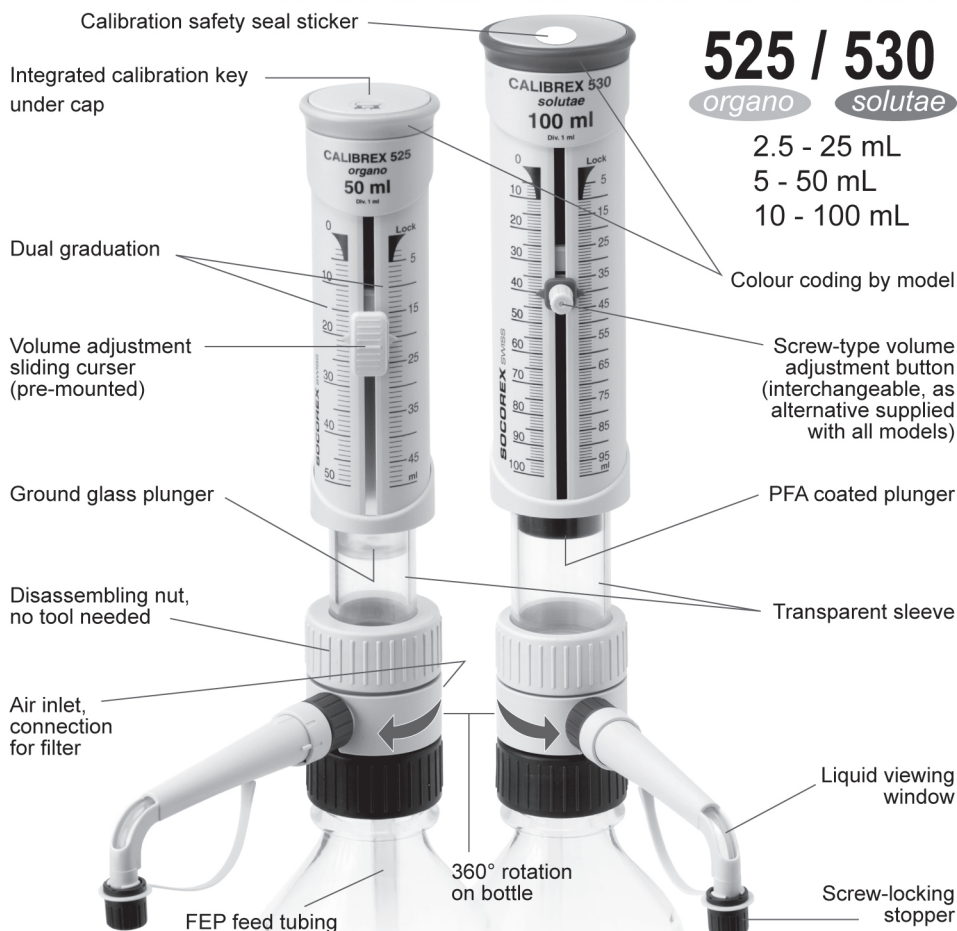
Scan QR code to access chemical resistance chart.



> QC and warranty

Each dispenser bears its own serial number and passes a strict quality control attested by an individual certificate.

Two-year warranty.



525 / 530

organo solutae

2.5 - 25 mL

5 - 50 mL

10 - 100 mL

Performance and ordering information - Calibrex™ 525 and 530

Supplied with 45 mm base thread, 120 mm delivery jet and stopper, 350 mm feed tube, alternative screw-type volume setting button, three bottle neck adapters (32, 38 and 40 mm), QC certificate and operating instructions.

Range mL	Division mL	Inaccuracy			Imprecision			Calibrex™ 525	Calibrex™ 530
		Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.	Cat. No.	Cat. No.
2.5-25	0.5	< ± 1.5%	< ± 1.1%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%	525.025	530.025
5-50	1.0	< ± 1.5%	< ± 1.1%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%	525.050	530.050
10-100	1.0	< ± 1.5%	< ± 1.1%	< ± 0.6%	< 0.5%	< 0.35%	< 0.1%	525.100	530.100

Performance values obtained by a smooth and steady pace movement, with bidest. water at constant temperature ($\pm 0.5^\circ\text{C}$) comprised between 20 and 25°C , according to EN ISO 8655.

Omission to untighten connecting body ring before autoclaving, and / or over-tightening ring when dispensing, may reduce performance.

Ordering information - Accessories

Description	Packaging	Cat. No.	Description	Packaging	Cat. No.
Delivery jet			Replacement feed tubing		
Standard 120 mm long			Cut, 350 mm, fits all models	1 / pk	525.350
for 25 mL dispenser	1 / pk	1.525.120	Uncut, fits all models	By the meter	525.706
for 50, 100 mL dispensers	1 / pk	1.525.121	Work stations		
Extended 150 mm long			Dispenser stand, fits all models	1 / pk	320.SB100
for 25 mL dispenser	1 / pk	1.525.150	Stand for remote liquid intake*	1 / pk	320.BC100
for 50, 100 mL dispensers	1 / pk	1.525.151	* Dispenser and feed tube to be ordered separately		



Your local distributor



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