

SOCOREX®

CALIBREX™ ORGANO / SOLUTAE BOTTLE TOP DISPENSERS



**DURAN
WHEATON
KIMBLE**

Excellence in your hands

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part of Thermo Fisher Scientific

Calibrex™ organo / solutae Bottle Top Dispensers

This new generation of Socorex® Bottle Top Dispensers is intended for the safe and reproducible liquid distribution of volumes up to 1, 2.5, 5, 10, 25, 50 and 100mL. The Calibrex™ *organo* 525 includes a ground glass plunger, best suited for organics, non-crystallizing acid and base solutions. The Calibrex™ *solutae* 530 has a PFA coated plunger preventing the plunger and barrel from seizing together. This enables trouble free distribution of salt solutions, weak and strong acids, as well as bases. Both models are available with or without a stopcock, adding flexibility and safety.

The Calibrex™ line features:

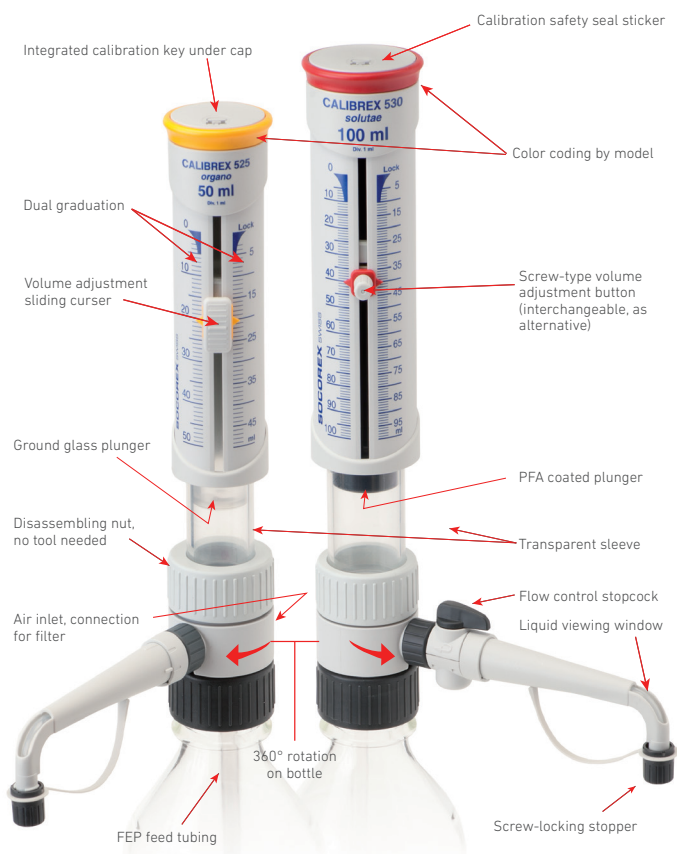
- Selection between *organo* and *solutae* models for best chemical resistance
- Flow control stopcock for priming
- Permanent fluid path visibility
- Integrated calibration system
- Long lasting performance stability
- Autoclavable at 121°C / 250°F fully assembled
- Two year warranty

525/530

organo

solutae

- 0.1 – 1mL
- 0.25 – 2.5mL
- 0.5 – 5mL
- 1 – 10mL
- 2.5 – 25mL
- 5 – 50mL
- 10 – 100mL



Performance and ordering information – Calibrex™ 525 and 530

45 mm base thread. Supplied with feed tubing, delivery jet with stopper, bottle neck adapters, QC certificate and operating instructions. 1 and 2.5 mL: 300 mm feed tubing, 90 mm delivery jet, 25, 28 and 32 mm adapters. 5 and 10 mL: 300 mm feed tubing, 90 mm delivery jet, 28, 32 and 40 mm adapters. As of 25 mL: 350 mm feed tubing, 120 mm delivery jet, 32, 38 and 40 mm adapters.

Cat. No.		Volume	Division	Inaccuracy (E%)			Imprecision (CV%)		
525 <i>organo</i>	530 <i>solutae</i>			Min. Vol.	Mid. Vol.	Max. Vol.	Min. Vol.	Mid. Vol.	Max. Vol.
03-410-900	03-410-908	0.1 - 1mL	0.02mL	< ± 3.0 %	< ± 1.8 %	< ± 0.6 %	< 1.2 %	< 0.70 %	< 0.17 %
03-410-901	03-410-909	0.25 - 2.5mL	0.05mL	< ± 2.7 %	< ± 1.6 %	< ± 0.6 %	< 0.9 %	< 0.55 %	< 0.17 %
03-410-902	03-410-910	0.5 - 5mL	0.1mL	< ± 2.0 %	< ± 1.3 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
03-410-903	03-410-911	1 - 10mL	0.2mL	< ± 1.5 %	< ± 1.2 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-520	13-709-523	2.5 - 25mL	0.5mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-521	13-709-524	5 - 50mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-522	13-709-525	10 - 100mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
With Flow Control Stopcock									
03-410-904	03-410-912	0.1 - 1mL	0.02mL	< ± 3.0 %	< ± 1.8 %	< ± 0.6 %	< 1.2 %	< 0.70 %	< 0.17 %
03-410-905	03-410-913	0.25 - 2.5mL	0.05mL	< ± 2.7 %	< ± 1.6 %	< ± 0.6 %	< 0.9 %	< 0.55 %	< 0.17 %
03-410-906	03-410-914	0.5 - 5mL	0.1mL	< ± 2.0 %	< ± 1.3 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
03-410-907	03-410-915	1 - 10mL	0.2mL	< ± 1.5 %	< ± 1.2 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-535	13-709-538	2.5 - 25mL	0.5mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-536	13-709-539	5 - 50mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
13-709-537	13-709-540	10 - 100mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %

*Performance values obtained by a smooth and steady pace movement, with bidest. water at constant temperature (± 0.5°C) comprised between 20°C 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.

Calibrex™ organo / solutae Bottle Top Dispensers

Choice of Setting Buttons

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

Flow Control Stopcock ❸

Device enables liquid priming and recycling without reagent loss or contamination. No tool needed to remove for cleaning purpose. Stopcock has locked position for added safety.

Color 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 ❹

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

Adaptability

Dispenser has a 45mm base thread. Each dispenser is supplied with feed tubing, delivery jet with cap, bottle neck adapters, QC certificate and operating instructions.

1 and 2.5mL: 300mm feed tubing, 90 delivery jet, and 25, 28, and 32mm adapters
 5 and 10mL: 300mm feed tubing, 90 delivery jet, and 28, 32, and 40mm adapters
 25, 50 and 100mL: 350mm feed tubing, 120 delivery jet, and 32, 38, and 40mm adapters

Material Selection

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

Parts	525 <i>organo</i>	530 <i>solutae</i>
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.



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Ordering information – Accessories

Cat. No.	Description	Qty/Case
Interchangeable Flow Control Stopcock		
13-710-933	For all 525, 530 Dispensers	1
Delivery Jet		
Standard 120mm long		
13-709-526	For 25mL Dispenser	1
13-709-527	For 50mL & 100mL Dispenser	1
Extended 150mm long		
13-709-528	For 25mL Dispenser	1
13-709-529	For 50mL & 100mL Dispenser	1
Replacement feed tubing		
13-709-530	Cut, 350mm, Fits all Models	1
13-709-531	1 Meter, Fits all Models	1
Delivery Extension Tubing (60cm) with Jet-Pen		
13-710-934	For 25mL Dispenser	1
13-710-935	For 50mL & 100mL Dispenser	1
Work Stations		
13-709-532	Dispenser Stand, Fits all Models	1
13-709-533	Stand for Remote Liquid Intake*	1

*Dispenser and feed tube to be ordered separately.



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