

# SOCOREX®

## CALIBREX™ ORGANO / SOLUTAE BOTTLE TOP DISPENSERS



DWK LIFE SCIENCES  
DURAN WHEATON KIMBLE

# 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:

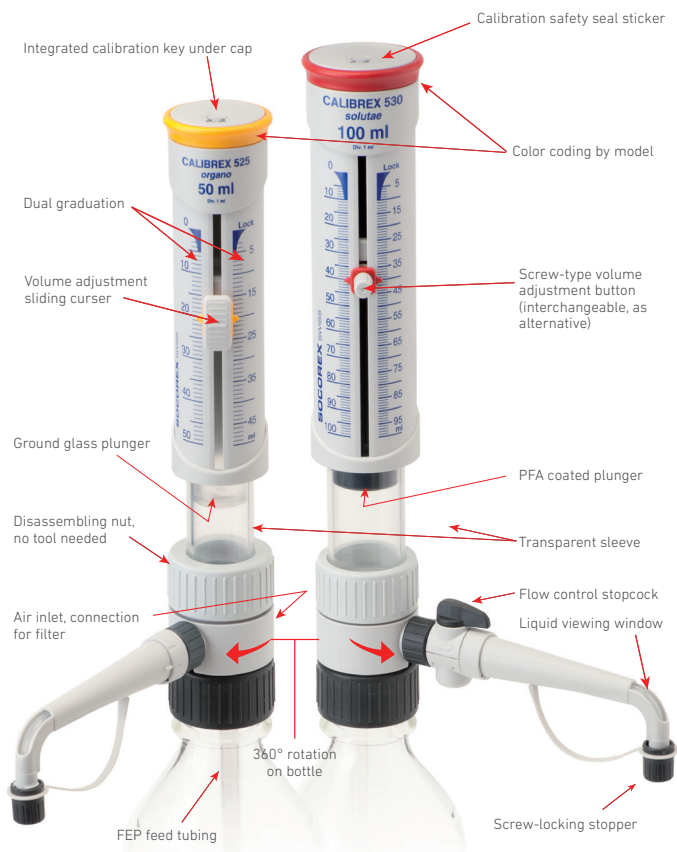
- Selection between *organo* and *solutae* models for best chemical resistance
- Flow control stopcock for priming
- Permanent fluid path visibility
- Integrated calibration system
- Long lasting performance stability
- Autoclavable at 121°C / 250°F fully assembled
- Two year warranty

## 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

45mm base thread. Supplied with feed tubing, delivery jet with stopper, bottle neck adapters, QC certificate and operating instructions. 1 and 2.5mL: 300mm feed tubing, 90mm delivery jet, 25, 28 and 32mm adapters. 5 and 10mL: 300mm feed tubing, 90mm delivery jet, 28, 32 and 40mm adapters. As of 25mL: 350mm feed tubing, 120mm delivery jet, 32, 38 and 40mm 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.
W845000	W845016	0.1 - 1mL	0.02mL	< ± 3.0 %	< ± 1.8 %	< ± 0.6 %	< 1.2 %	< 0.70 %	< 0.17 %
W845002	W845018	0.25 - 2.5mL	0.05mL	< ± 2.7 %	< ± 1.6 %	< ± 0.6 %	< 0.9 %	< 0.55 %	< 0.17 %
W845004	W845020	0.5 - 5mL	0.1mL	< ± 2.0 %	< ± 1.3 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W845006	W845022	1 - 10mL	0.2mL	< ± 1.5 %	< ± 1.2 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844090	W844102	2.5 - 25mL	0.5mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844092	W844104	5 - 50mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844094	W844106	10 - 100mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
With Flow Control Stopcock									
W845008	W845024	0.1 - 1mL	0.02mL	< ± 3.0 %	< ± 1.8 %	< ± 0.6 %	< 1.2 %	< 0.70 %	< 0.17 %
W845010	W845026	0.25 - 2.5mL	0.05mL	< ± 2.7 %	< ± 1.6 %	< ± 0.6 %	< 0.9 %	< 0.55 %	< 0.17 %
W845012	W845028	0.5 - 5mL	0.1mL	< ± 2.0 %	< ± 1.3 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W845014	W845030	1 - 10mL	0.2mL	< ± 1.5 %	< ± 1.2 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844096	W844108	2.5 - 25mL	0.5mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844098	W844110	5 - 50mL	1.0mL	< ± 1.5 %	< ± 1.1 %	< ± 0.6 %	< 0.5 %	< 0.35 %	< 0.10 %
W844100	W844112	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.

## Choice of Setting Buttons

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

## Flow Control Stopcock

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

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.



# Calibrex™ *organo/solutae* Bottle Top Dispensers

## Ordering information – Accessories

Cat. No.	Description	Qty/Case
<b>Interchangeable Flow Control Stopcock</b>		
W844114	For all 525, 530 Dispensers	1
<b>Delivery Jet Standard 120mm long</b>		
W844116	For 25mL Dispenser	1
W844118	For 50mL & 100mL Dispenser	1
<b>Extended 150mm long</b>		
W844120	For 25mL Dispenser	1
W844122	For 50mL & 100mL Dispenser	1
<b>Replacement feed tubing</b>		
W844124	Cut, 350mm, Fits all Models	1
W844126	1 Meter, Fits all Models	1
<b>Delivery Extension Tubing (60cm) with Jet-Pen</b>		
W844149	For 25mL Dispenser	1
W844150	For 50mL & 100mL Dispenser	1
<b>Work Stations</b>		
W844136	Dispenser Stand, Fits all Models	1
W832030	Stand for Remote Liquid Intake*	1

\*Dispenser and feed tube to be ordered separately.



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