

# 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** **530**  
*organo* *solutae*

 **SOCOREX**  
SWISS

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## ► Choice of setting buttons

Spring loaded sliding cursor ① softly moves up and down 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 spring | Platinum-iridium   |                  |
| Valve plate  | PTFE               |                  |
| Barrel       | Borosilicate glass |                  |
| Plunger      | Ground glass       | PFA coated glass |
| Body         | ETFE               |                  |
| Delivery jet | FEP / PCTFE        |                  |
| Stopper      | ETFE               |                  |

## ► Chemical resistance

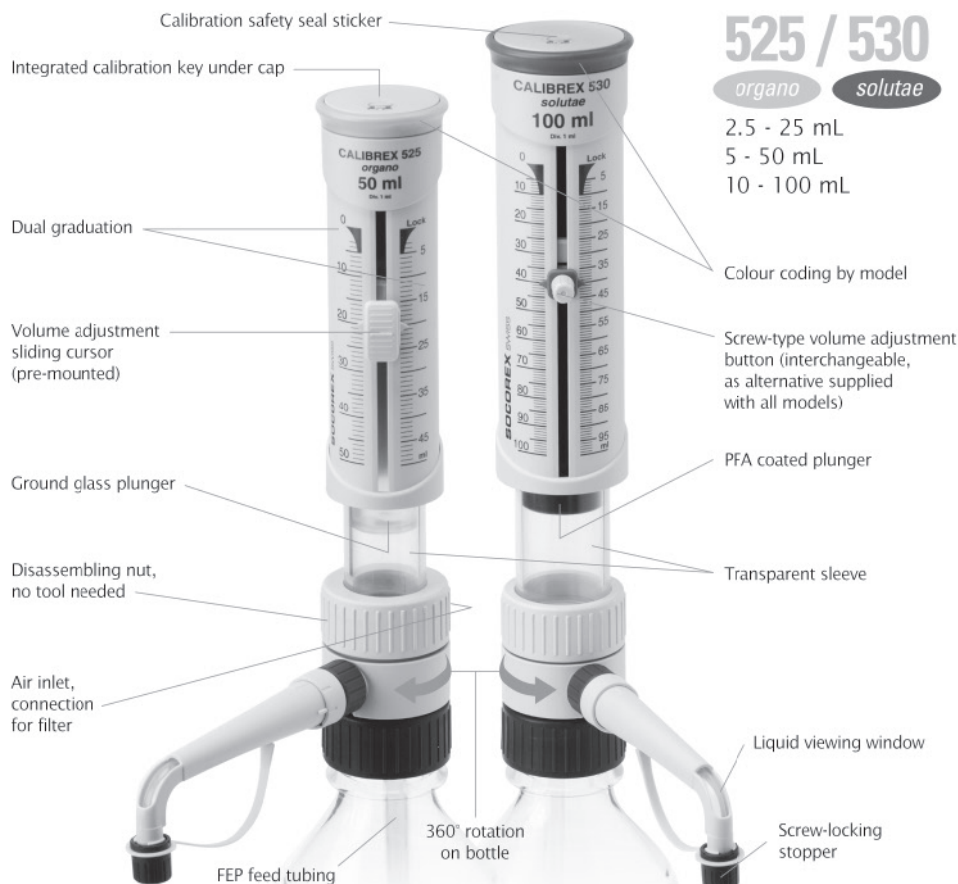
Scan QR code to access chemical resistance chart.



## ► QC and warranty

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

Two-year warranty.



## 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<br>mL | Division<br>mL | Inaccuracy (E%) |          |          | Imprecision (CV%) |         |         | Calibrex™ <i>organo</i> 525 | Calibrex™ <i>solutae</i> 530 |
|-------------|----------------|-----------------|----------|----------|-------------------|---------|---------|-----------------------------|------------------------------|
|             |                | Min.vol         | Mid.vol  | Max.vol  | Min.vol           | Mid.vol | Max.vol | Regular                     | Regular                      |
| 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 (± 0.5°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.  |
|-----------------------------|-----------|-----------|--|--------------|-----------|
| <b>Delivery jet</b>         |           |           | <b>Replacement feed tubing</b>                     |              |           |
| <b>Standard 120 mm long</b> |           |           | 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 | <b>Work station</b>                                |              |           |
| <b>Extended 150 mm long</b> |           |           | 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 |              |           |



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Service Laboratory  
ISO/IEC 17025

G.M. SYSTEM  
ISO 9001/13485  
CERTIFIED

## Your local distributor

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