Calibra® digital
your instant setting pipettes

digital setting micropipettes

The Calibra® digital micropipettes combine mechanical precision, robustness and reliability with comfort and ease of use. Discover the many features of the line with no equivalent on the market.

The Calibra® line features

- Winding-free, instant volume adjustment
- Unsurpassed performance and calibration stability
- Robust, long lasting construction
- Shock, heat, chemicals and UV light resistance
- Reliable user calibration
- Autoclavable at 121°C / 250°F fully assembled

The Calibra® digital models

822 micro 832 macro 852 multi

SOCOREX SWISS
Comfort and safety
Easy and glove-friendly volume setting and tip ejection bring added comfort. No unwanted volume alteration or detipping while working.

Instant volume setting
The twin cam system with pre-calibrated steps provides for true digital volume entry and numerical display. It enables fast setting of key volumes - secondary increments changed only if required.

Key volume adjustment
Example: from 10 to 50 μL in half a revolution of the setting wheel placed in its normal position.

Fine tuning adjustment
Example: from 50 to 55.5 μL in half a revolution of the setting wheel in pulled position.

Pasteur pipette adapter
PVDF adapter fits 2 mL pipette nozzle to accommodate standard glass Pasteur pipettes.

Nozzle protection filter
Macro models include interchangeable nozzle filters for added protection against liquid fill and contamination.

Micro and macropipettes
The Calibra® is the only truly digital pipette line including a twin cam setting system. It guarantees long term calibration stability and eliminates any tedious volume adjustment. Choose between a total of 7 micropipettes and 2 macropipettes. Each with attractive colour coding for easy identification of volume range and tip style.

822
micro
0.2 - 2 μL
1 - 10 μL
2 - 20 μL
10 - 100 μL
20 - 200 μL
100 - 1000 μL

832
macro
0.2 - 2 mL
1 - 10 mL

Performance 822 / 832

<table>
<thead>
<tr>
<th>Volume</th>
<th>Inaccuracy (E%)</th>
<th>Imprecision (CV%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micropipettes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.2 - 2 μL</td>
<td>&lt; ± 6.0 %</td>
<td>&lt; ± 4.0 %</td>
</tr>
<tr>
<td>1 - 10 μL</td>
<td>&lt; ± 2.0 %</td>
<td>&lt; ± 1.5 %</td>
</tr>
<tr>
<td>1 - 10 μL*</td>
<td>&lt; ± 2.0 %</td>
<td>&lt; ± 1.5 %</td>
</tr>
<tr>
<td>2 - 20 μL</td>
<td>&lt; ± 2.0 %</td>
<td>&lt; ± 1.5 %</td>
</tr>
<tr>
<td>10 - 100 μL</td>
<td>&lt; ± 1.0 %</td>
<td>&lt; ± 0.9 %</td>
</tr>
<tr>
<td>20 - 200 μL</td>
<td>&lt; ± 1.0 %</td>
<td>&lt; ± 0.9 %</td>
</tr>
<tr>
<td>100 - 1000 μL</td>
<td>&lt; ± 0.7 %</td>
<td>&lt; ± 0.6 %</td>
</tr>
<tr>
<td>Macropipettes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.2 - 2 mL</td>
<td>&lt; ± 1.5 %</td>
<td>&lt; ± 1.0 %</td>
</tr>
<tr>
<td>1 - 10 mL</td>
<td>&lt; ± 1.5 %</td>
<td>&lt; ± 1.0 %</td>
</tr>
</tbody>
</table>

* measured at 0.5 μL    * 200 μL style tips

Thin shaft shape
Helps reach contents from microtubes and/or narrow containers.
Multichannel pipettes
Available with 8 or 12 channels, there are five multichannel pipettes covering all usual applications on microtiterplates. Tip ejection is made easy by the large surface ejector button and special, sequential ejector shape. Optional, thinner ejector head improves compatibility with long neck tips.

852 multi
1 - 10 μL
10 - 100 μL
20 - 200 μL

Sequential tip ejection
Special shape of ejector head guarantees sequential, easy tip ejection.

Performance 852

<table>
<thead>
<tr>
<th>Volume</th>
<th>Inaccuracy (E%)</th>
<th>Imprecision (CV%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min. vol.</td>
<td>Mid. vol.</td>
</tr>
<tr>
<td></td>
<td>Min. vol.</td>
<td>Mid. vol.</td>
</tr>
<tr>
<td>1 - 10 μL</td>
<td>± 3.5 %</td>
<td>± 2.5 %</td>
</tr>
<tr>
<td>10 - 100 μL</td>
<td>± 1.0 %</td>
<td>± 0.9 %</td>
</tr>
<tr>
<td>20 - 200 μL</td>
<td>± 0.9 %</td>
<td>± 0.9 %</td>
</tr>
</tbody>
</table>

Performance values are obtained with bi-dest. water at constant temperature (± 0.5°C) between 20 and 25°C, in accordance with EN ISO 8655.
Standards and compliance
The Calibra® digital pipettes are designed to operate under national and international standards such as EN ISO 8655, GMP, GLP, NCCLS.

The instruments conform to the CE directive IVD 98/79 EEC (in vitro diagnostic medical devices).

User must pay special attention to possible hand fatigue during serial pipetting and its medical consequences such as repetitive strain injuries (RSI).

QC and warranty
Each instrument bears its own serial number and passes strict performance control attested by an individual QC certificate.

Refer to package inserts for safety precautions, operating instructions and warranty terms.

Three-year warranty.