Secura® and Quintix®
First-Class Performance in the 5-Digit Range

0.000001g

turning science into solutions

Visit www.balances.com for discount prices on Sartorius Laboratory Balances

Visit www.scaleman.com an Authorized Sartorius Laboratory Balance Dealer
The New Semi-Micro Balances: Best in Class

The new Sartorius semi-micro balances feature unsurpassed weighing technology available within their 5-digit class in the standard market segment today. We offer a unique selection, giving you five different models to choose from. These semi-micro balances deliver outstanding performance at an affordable price. Plus, they are backed by the excellent quality standards of products "Made in Germany".

- **Top Performance**
  The latest technologies for even more performance: Benefit from unbeatable repeatability and linearity in the semi-micro range.

- **Easy-to-Clean Design**
  Removable draft shield and weighing chamber base: All parts of the draft shield and weighing chamber can be quickly and easily disassembled – which helps ensure the best possible cleaning results. And if you happen to spill any liquid or granular samples while weighing, no problem for these five new balances. Their weighing chamber base, featuring a revolutionary new rimmed design, can be completely taken out of the chamber and readily wiped cleaned.
### Intuitive Operation
Start Assistant function and SmartTouch user interface:
These easy-to-understand features make it so simple to
set up and work with the new semi-micro balances.
Forget having to read an instruction manual. The display
prompts show you all you need to know – helping you
increase weighing efficiency in your lab.

### Ergonomic Draft Shield
One-Touch technology: The side doors of the draft shield
open at a simple touch, enabling you to load a sample
conveniently – without any mishaps. The draft shield is
designed to compensate for ambient conditions, reducing
their impact on your weighing results to a bare minimum.

### Space-saving Footprint
Compact footprint and integrated electronics:
Save up to 36% space compared with other competitor
models thanks to the compact design and integrated
electronics of these semi-micro balances.
### Accessories

#### Weighing Pans

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YFW01SQP</td>
<td>Filter weighing pan, 130 mm</td>
</tr>
<tr>
<td>YWP01SQP</td>
<td>Weighing pan, 90 mm, self-adhesive thermo-sensitive paper</td>
</tr>
</tbody>
</table>

#### Data Communication Cables

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YRA01D09</td>
<td>Data communication cable, mini USB</td>
</tr>
</tbody>
</table>

#### Protective Covers

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YCC03</td>
<td>Data communication cable, mini USB</td>
</tr>
</tbody>
</table>

#### Density Kit

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>69Y03286</td>
<td>Set of self-adhesive labels</td>
</tr>
</tbody>
</table>

#### Density Kit

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>69Y03287</td>
<td>Standard thermosensitive paper</td>
</tr>
</tbody>
</table>

#### Density Kit

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>69Y03288</td>
<td>Self-adhesive thermo-sensitive paper</td>
</tr>
</tbody>
</table>

### Technical Specifications

#### Sartorius Semi-Micro Balances

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing Capacity (g)</th>
<th>Sensitivity Drift (mg)</th>
<th>Repeatability (mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125D</td>
<td>25</td>
<td>0.04</td>
<td>0.01</td>
</tr>
<tr>
<td>225D</td>
<td>40</td>
<td>0.1</td>
<td>0.02</td>
</tr>
</tbody>
</table>

#### Quintix® Semi-Micro Balances

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing Capacity (g)</th>
<th>Sensitivity Drift (mg)</th>
<th>Repeatability (mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125D</td>
<td>25</td>
<td>0.04</td>
<td>0.01</td>
</tr>
<tr>
<td>225D</td>
<td>40</td>
<td>0.1</td>
<td>0.02</td>
</tr>
</tbody>
</table>

### Unique Features for Higher Performance and Flexibility

#### Fast Data Transfer

- **Automatic Adjustment**
The built-in adjustment function allows you to perform automatic adjustment quickly and easily. This means you can start weighing immediately. The built-in adjustment procedure is carried out later.

#### Continuously Leveling

- **Continuous Level Monitoring**
  - **Start-up**
The instrument will stabilize the weighing system before the reading is shown. The built-in adjustment procedure is carried out later.
  - **Load cell is tilted**
    - **Adjustment**
The instrument will alert you if the load cell is tilted. The built-in adjustment procedure is carried out later.

#### Automatic Adjustment

- **Adjustment while you are weighing**
  - **Automatic Adjustment**
    - **Continuous Level Monitoring**
      - **Load cell is tilted**
        - **Adjustment**
          - **Load cell is tilted**

#### Sample and Batch Identification

- **Sample and Batch Identification**
  - **Sample**

#### Secure Protection

- **Secure Protection**
  - **Protection**

#### Density Kit

- **Density Kit**
  - **Density Kit**

### Additional Features

#### Quintix® Semi-Micro Balances

- **Sample and Batch Identification**
  - **Sample**

#### SECURAPRO® Balances

- **SECURAPRO® Balances**
  - **SECURAPRO® Balances**

### Technical Specifications

#### Sartorius Semi-Micro Balances

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing Capacity (g)</th>
<th>Sensitivity Drift (mg)</th>
<th>Repeatability (mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125D</td>
<td>25</td>
<td>0.04</td>
<td>0.01</td>
</tr>
<tr>
<td>225D</td>
<td>40</td>
<td>0.1</td>
<td>0.02</td>
</tr>
</tbody>
</table>

#### Quintix® Semi-Micro Balances

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing Capacity (g)</th>
<th>Sensitivity Drift (mg)</th>
<th>Repeatability (mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125D</td>
<td>25</td>
<td>0.04</td>
<td>0.01</td>
</tr>
<tr>
<td>225D</td>
<td>40</td>
<td>0.1</td>
<td>0.02</td>
</tr>
</tbody>
</table>
Unique Features for Higher Performance and Flexibility

- All five models have the familiar Secura® and Quintix® features that will enhance the efficiency of your processes.

- Fast Data Transfer
  - Ensures that the requested weighing results are transferred to the printer in a matter of seconds, allowing you to get to work right away – without the need for additional software.

- Automatic Adjustment
  - The built-in adjustment procedure is activated whenever a defined interval has elapsed or a temperature change occurs, ensuring your Secura® will deliver secure results. On Secura® balances, the date and time stamp enables traceability for your quality assurance.

- SLP & CMB Documentation
  - Prove your weighing results within seconds by printing a calibration certificate, which you can store for future reference or to meet specific requirements.

- Continuous Level Monitoring
  - The integrated LevelControl function checks whether your Secura® is level. It detects any unintentional changes that could alter the metrological performance.

- Sample and Batch Identification
  - Use barcode or alphanumeric labels to assign unique identifiers to your samples and batches. With the YDP30 Premium GLP lab printer connected to your Secura®, you can print your data easily and instantly to the program you are using.

- Secure Parental Protection
  - The built-in adjustment procedure is documented by the Cal Audit button to have adjustment procedures performed. In this way, you can be sure that your Secura® will deliver secure results.

- Sample Volume
  - You can even customize the weighing ranges (mg, mg, mg, mg, mg) to your specific requirements.

- Technical Specifications
  - All five models offer identical technical specifications.

- Secura® Semi-Micro Balances
  - Model: 125D, 225D
  - Sensitivity ranges: 0.0001 g, 0.0001 g
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Sensitivity drift between +10°C...+30°C (50°F...86°F): ± ppm/K, ± ppm/K
  - Linearity: mg, mg
  - Readability ranges: mg, mg
  - Weighing capacity ranges: g, g
  - Temperature change interval: °C, °C
  - Sample volume: ml, ml
  - Dimensions, D, W, H: mm, mm, mm
  - Weight capacity: g, g

- Quintix® Semi-Micro Balances
  - Model: 125D, 225D
  - Sensitivity ranges: 0.0001 g, 0.0001 g
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Sensitivity drift between +10°C...+30°C (50°F...86°F): ± ppm/K, ± ppm/K
  - Linearity: mg, mg
  - Readability ranges: mg, mg
  - Weighing capacity ranges: g, g
  - Temperature change interval: °C, °C
  - Sample volume: ml, ml
  - Dimensions, D, W, H: mm, mm, mm
  - Weight capacity: g, g

- Density Kit
  - Contains: Sample and Batch Identification
  - Includes: Printers and Printer Accessories
  - Additional features on the Secura® 225D and Quintix® 225D:
    - Unique Features for Higher Performance and Flexibility...

- Sample Volume
  - You can even customize the weighing ranges (mg, mg, mg, mg, mg) to your specific requirements.

- Technical Specifications
  - All five models offer identical technical specifications.

- Secura® Semi-Micro Balances
  - Model: 125D, 225D
  - Sensitivity ranges: 0.0001 g, 0.0001 g
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Sensitivity drift between +10°C...+30°C (50°F...86°F): ± ppm/K, ± ppm/K
  - Linearity: mg, mg
  - Readability ranges: mg, mg
  - Weighing capacity ranges: g, g
  - Temperature change interval: °C, °C
  - Sample volume: ml, ml
  - Dimensions, D, W, H: mm, mm, mm
  - Weight capacity: g, g

- Quintix® Semi-Micro Balances
  - Model: 125D, 225D
  - Sensitivity ranges: 0.0001 g, 0.0001 g
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Repeatability: typical standard deviation: 0.0001 mg, 0.0001 mg
  - Sensitivity drift between +10°C...+30°C (50°F...86°F): ± ppm/K, ± ppm/K
  - Linearity: mg, mg
  - Readability ranges: mg, mg
  - Weighing capacity ranges: g, g
  - Temperature change interval: °C, °C
  - Sample volume: ml, ml
  - Dimensions, D, W, H: mm, mm, mm
  - Weight capacity: g, g