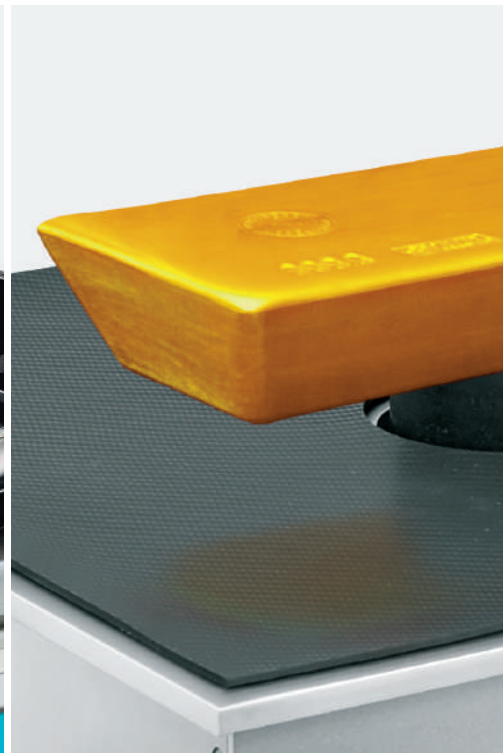




sartorius
mechatronics

Sartorius Gold and Carat Scales The Highest Precision Made in Germany



turning science **into solutions**



Sartorius Gold- and Carat Scales 0% Tolerance – 100% Accuracy



User-friendly, error-free operation and precise weight measurement are the Alpha and the Omega of determining the weight of gold and gemstones. Fast-paced weighing procedures and frequently changing work areas require rugged scales that reliably deliver accurate results even under challenging conditions.

To meet all these requirements, Sartorius as the market leader for gold and carat scales offers an extensive line that accommodates the most diverse applications and is backed by extensive expertise. Since 1870, Sartorius has been crafting reliable and precise weighing equipment.

The Sartorius array of analytical balances and precision scales also includes legal-for-trade models that are verified to comply with the legal requirements for measuring the weight of gold and gemstones.

In a global first, Sartorius offers the world's only officially recognized precision balance for the weighing of gold bars in accordance with the "Good Delivery Rules" of the LBMA (London Bullion Market Association).

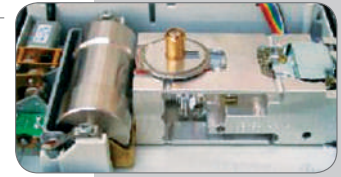


Your Benefits

Sartorius Feature Extras

Consistently accurate weighing results

Built-in automatic calibration and adjustment



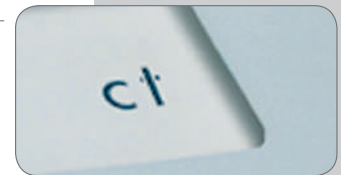
Outstandingly easy-to-read weights

Large, high-contrast display (backlighting on the premium and standard series)



Mass unit conversion for weighing in all commercially available units of measure

Easy to toggle to different weight units



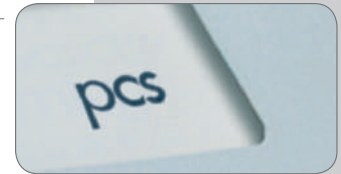
Fast and precise weighing of gold bars

First electronic gold bar balance to be recognized by the LBMA



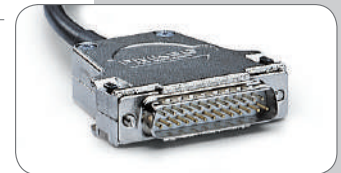
Precise counting, even of the smallest components, within fractions of a second*

Counting program standard in all scales



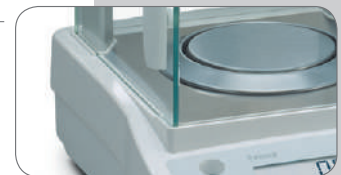
Wide variety of options to send information and evaluate data (e.g., on printouts)

RS-232 C bidirectional interface port standard on all scales



Space-saving design for flexible use anywhere

Compact, rugged design



Can be custom-configured to meet the requirements of specific procedures

Extensive accessories (e.g., a remote display for use as a second indicator)



100% quality and reliability

Perfection provided by German engineering quality



* under ideal conditions

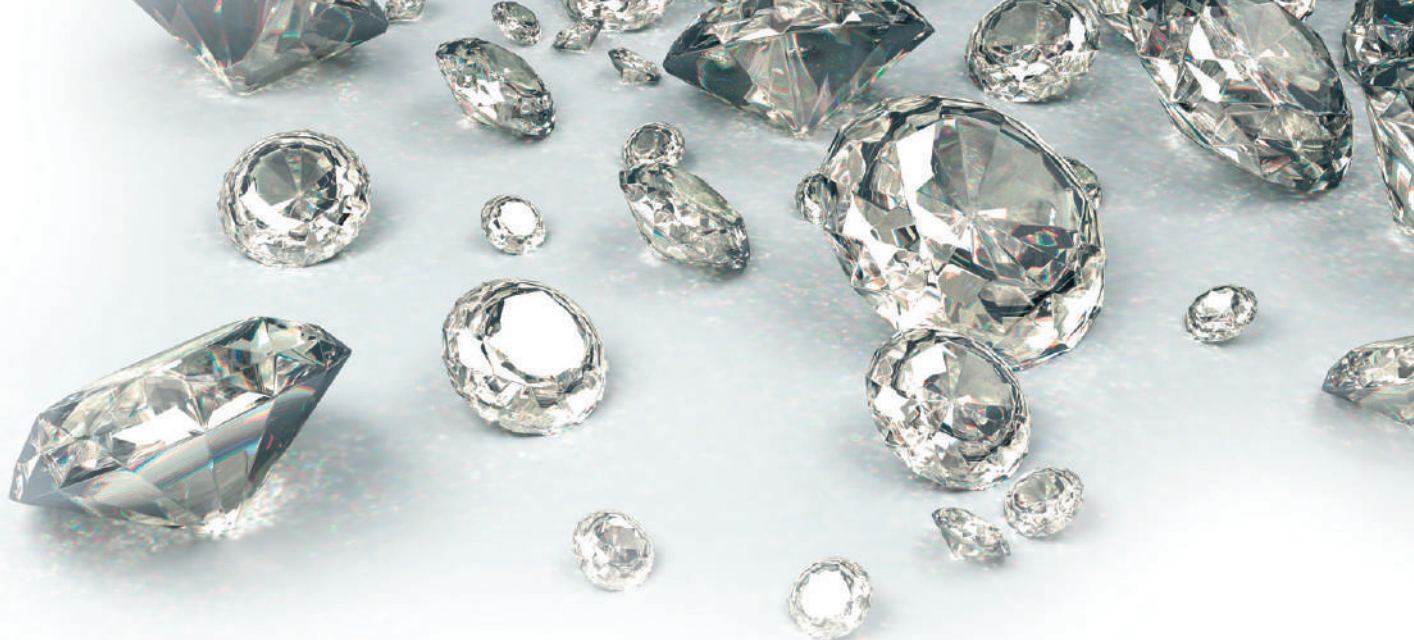
You will find the complete technical specifications and accessories in the data sheets of each particular scale model and on our home page at www.sartorius-mechatronics.com.

Sartorius Carat Scales



These analytical scales are designed for high-precision weighing of diamonds, gemstones, semi-precious stones and small pieces of jewelry. All carat scales feature a glass draft shield providing a complete view inside the entire chamber for optimal, user-friendly control and confident weighing of valuables. The smooth-action draft shield doors support fast-paced weighing procedures. Sartorius carat scales come in a choice of three product line levels to accommodate the specific performance and features you need: Premium, Standard and Nice Price.





Premium

GCA Carat Scale Series

- Weighing capacities from 800 to 2,500 ct
- Fully automatic, built-in calibration and adjustment function
- Blue backlit display
- Monolithic weigh cell

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GCA803S* | 800 ct | 0.001 ct |
| GCA1603P* | 1,600 ct | 0.001 ct |
| GCA2502 | 2,500 ct | 0.01 ct |



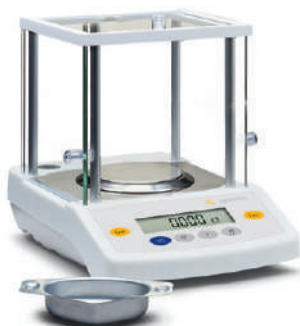
Standard

GK Carat Scale Series

- Weighing capacities from 700 to 3,100 ct
- Fully automatic, built-in calibration and adjustment function
- White backlit display
- Monolithic weigh cell

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GK703* | 700 ct | 0.001 ct |
| GK1203 | 1,200 ct | 0.001 ct |
| GK3102 | 3,100 ct | 0.005 ct |



Nice Price

GD Carat Scale Series

- Weighing capacities of 185 and 600 ct
- Optional external or internal calibration and adjustment function
- Large LCD
- Especially compact footprint

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GD103 | 185 ct | 0.001 ct |
| GD603* | 600 ct | 0.001 ct |

* optionally available as legal for trade

Sartorius Gold Scales



Sartorius gold scales cover an especially wide range of applications: whether you need to determine the weight of gold, silver or platinum jewelry or that of gold coins or gold ingots, you name it, we have the just the right scale.

Each Sartorius gold scale features an ideal application-specific design for fast, reliable and accurate measurement of weights. All scale models provide the mass unit conversion capability that is used especially often to toggle between units commonly used in commerce. Sartorius gold scales come in a choice of three product line levels to accommodate the exact performance and features you require: Premium, Standard and Nice Price.



Premium

GPA Gold Scale Series

- Weighing capacities of 3,200 and 5,200 g
- Fully automatic, built-in calibration and adjustment function
- Blue backlit display

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GPA3202* | 3,200 g | 0.01 g |
| GPA5202* | 5,200 g | 0.01 g |





Standard

GW Gold Sale Series

- Weighing capacities from 3,200 to 6,200 g
- Fully automatic, built-in calibration and adjustment function
- White backlit display

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GW3202* | 3,200 g | 0.01 g |
| GW6202* | 6,200 g | 0.01 g |

Weighing of Gold Bars



GBB Gold Bar Balance

- Global first: only officially recognized electronic balance for the weighing of gold bars
- Conforms to the "Good Delivery Rules" of the LBMA
- Verified, up to 14.2 kg with a readability of 0.01 g

- Special draft and impact protection
- Fully-automatic, integrated calibration or external calibration
- Data management via RS-232 | USB | Ethernet | SD card and alibi memory

Model Selection

| Order number | Weighing capacity | Readability | Verification scale interval |
|---------------|-------------------|-------------|-----------------------------|
| GBB14202S-OCE | 14,200 g | 0.01 g | 0.1 g |

* optionally available as legal for trade

** legal-for-trade version with built-in calibration and adjustment function



Nice Price

GE Gold Scale Series

- Weighing capacities from 210 to 7,100 g
- External calibration and adjustment function
- Large LCD
- Especially compact footprint

Model Selection

| Order Number | Weighing Capacity | Readability |
|--------------|-------------------|-------------|
| GE212 | 210 g | 0.01 g |
| GE412 | 410 g | 0.01 g |
| GE512-OCE** | 510 g | 0.01 g |
| GE812 | 810 g | 0.01 g |
| GE1302 | 1,300 g | 0.01 g |
| GE2102 | 2,100 g | 0.01 g |
| GE3102 | 3,100 g | 0.01 g |
| GE811 | 810 g | 0.1 g |
| GE2101 | 2,100 g | 0.1 g |
| GE4101 | 4,100 g | 0.1 g |
| GE7101 | 7,100 g | 0.1 g |



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