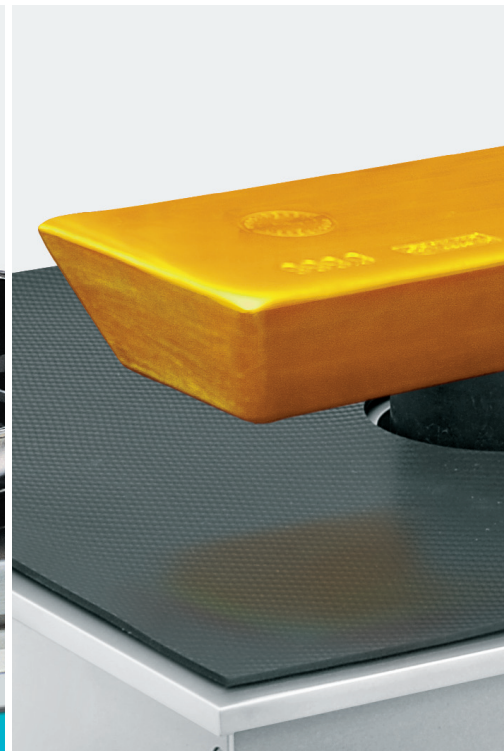




**sartorius**  
mechatronics

## 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.

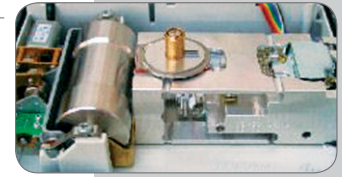
In a global first, Sartorius offers the world's only officially recognized precision balance for the weighing of gold bars in accordance with the "Good Delivery Rules" of the LBMA (London Bullion Market Association).

## Your Benefits

## Sartorius Feature Extras

Consistently accurate weighing results

Built-in automatic calibration and adjustment



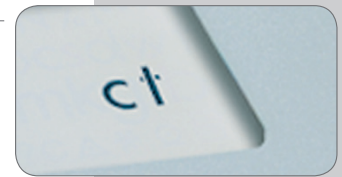
Outstandingly easy-to-read weights

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



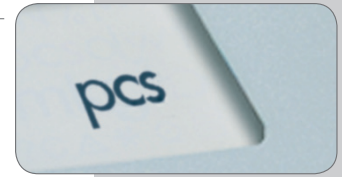
Fast and precise weighing of gold bars

First electronic gold bar balance to be recognized by the LBMA



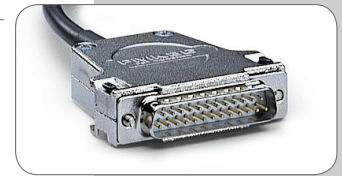
Precise counting, even of the smallest components, within fractions of a second\*

Counting program standard in all scales



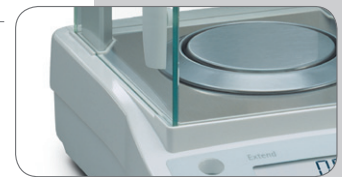
Wide variety of options to send information and evaluate data (e.g., on printouts)

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](http://www.sartorius-mechatronics.com).

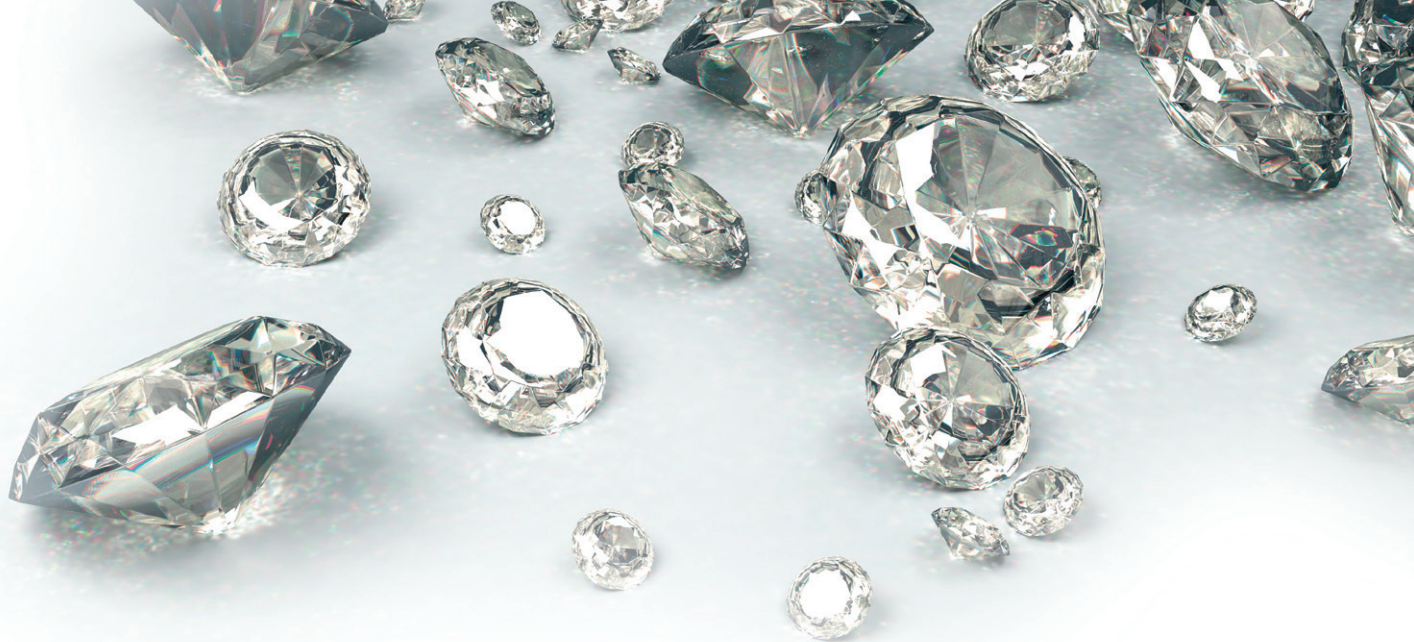


# Sartorius Carat Scales



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



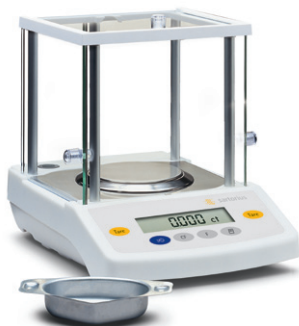
### Standard

#### 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



**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

**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



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