# The New Gold and Carat Balance Series II

The Highest Precision
"Made in Germany"

Simplifying Progress

**SARTORIUS**

Secure operating procedures and precise weighing results are indispensable for determining the weight of precious metals and gemstones. Fast work processes and harsh environmental conditions require robust balances that provide consistently reliable and accurate results.

Sartorius offers you a wide array of gold and carat balances. This selection of analytical and precision weighing instruments includes verified models that meet the metrological requirements for legal-for-trade weight measurements.

# Sartorius GCL Carat Balances

- Draft shield with a weighing chamber height of 160 mm
- Automatic, built-in calibration and adjustment function
- Monolithic weigh cell
- Hybrid display (LED and touch technology)

| Model | Weighing Capacity | Readability | Weighing Pan Size |
|---|---|---|---|
| 1103i* | 1,100 ct | 0.001 ct | Ø 90 mm |
| 603i* | 600 ct | 0.001 ct | Ø 90 mm |

# Sartorius GL Gold Balances

- Milligram balances feature a draft shield with a weighing chamber height of 160 mm
- Automatic, built-in calibration and adjustment function available as an option
- Hybrid display (LED and touch technology)

| Model | Weighing Capacity | Readability | Weighing Pan Size |
|---|---|---|---|
| 523* | 520 g | 0.001 g | Ø 120 mm |
| 323* | 320 g | 0.001 g | Ø 120 mm |
| 5202* | 5,200 g | 0.01 g | Ø 180 mm |
| 4202* | 4,200 g | 0.01 g | Ø 180 mm |
| 2202* | 2,200 g | 0.01 g | Ø 180 mm |
| 822* | 820 g | 0.01 g | Ø 180 mm |
| 8201* | 8,200 g | 0.1 g | Ø 180 mm |

* Model optionally available as verified for legal for trade

# Accessories

These tables contain an excerpt of the accessories that can be ordered. For information on other products, contact Sartorius.

## Balance Accessories

| Item | Quantity | Order number |
|---|---|---|
| Display protection film (set of 5) | 1 | YDC10 |
| Dust cover for balances with an analytical draft shield | 1 | 6960BC02 |
| Density determination set for solids and liquids for balances with a readability of 0,001 ct \| 1 mg | 1 | YDK06 |
| "Kensington Lock" anti-theft device | 1 | YKL01 |
| Pedal button \| foot switch | 1 | YFS03 |
| Second display \| remote display | 1 | YSD01 |
| **Below-balance weighing (not for models in legal metrology)** | | |
| Hook M5 | 1 | 69EA0039 |
| **Weighing table** | | |
| Made from wood with natural stone | 1 | YWT09 |
| Made from natural stone, with vibration dampening | 1 | YWT03 |
| Wall console made from natural stone | 1 | YWT04 |

## Printer and Accessories for Data Communication

| Item | Quantity | Order number |
|---|---|---|
| Thermal printer (USB-B) | 1 | YDP40 |
| Thermal transfer printer (USB-B, RS232) | 1 | YDP30 |
| Dot matrix printer (RS232)** | 1 | YDP20-0CE |
| Data cable USB-C > USB-B (> YDP30, YDP40) | 1.5 m | YCC-USB-C-B |
| Data cable USB-C > USB-A (> PC) | 1.5 m | YCC-USB-C-A |
| Data cable RS232 (9-pin) > USB-A (> PC) | 1.5 m | YCC-D09M-USB-A |
| Data cable RS232 (9-pin) male > RS232 (9-pin) male (> YDP30) | 1.5 m | YCC-D09MM |
| Data cable RS232 (9-pin) male > RS232 (9-pin) female (> YDP20-0CE, YSD01) | 1.5 m | YCC-D09MF |
| Y-adapter RS232 (9-pin) male > 2× RS232 (9-pin) female | 0.5 m | YCC-D09M-2D09F |

** additional power supply e.g. YEPS01-PS4 or YEPS01-PS5 is required

| Weighing bowls for gold balances | |
|---|---|
| 1000 ml, wt. ~240 g, Ø 186 mm, ht. 77 mm, stainless steel | 641211 |
| 500 ml, wt. ~113 g, Ø 151 mm, ht. 60 mm, stainless steel | 641212 |
| 350 ml, wt. ~75 g, Ø 180 mm, ht. 22 mm, stainless steel | YWP04G |

| Weighing bowls for carat balances | |
|---|---|
| 85 ml, wt. ~11 g, Ø 83 mm, ht. = 23 mm, aluminum | YWP06G |

For more accessories and options, please see the Sartorius catalog and price list or visit our website.

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