

**High Standard series –  
The highest level of  
convenience**

The new gold and carat  
scales from Sartorius

## Introducing the High Standard range – real "gems" for weighing gold and gemstones

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The High Standard series offers top performance and the highest level of convenience – why not get the best of everything? Our eleven new gold and carat scales are guaranteed to deliver cutting edge technology. You'll find that they have uncompromisingly better technical features along with the highest level of ergonomics. For total ease of operation and ultra-fast weighing with 100% reliable results. The High Standard series offers a wide selection of scales that are verifiable for use in legal metrology within the EU and their Signatory States. Plus they have OIML Certificates of Conformity for R76-1.

**Automatic, anti-glare readouts**  
Blue is cool, a color that refreshes. Just one glance at the blue, backlit display, and you'll agree. It enables error-free reading under any lighting conditions. Without any waiting. Just place your precious metal or gem sample on the pan, and the exact, stable readout will appear instantly.

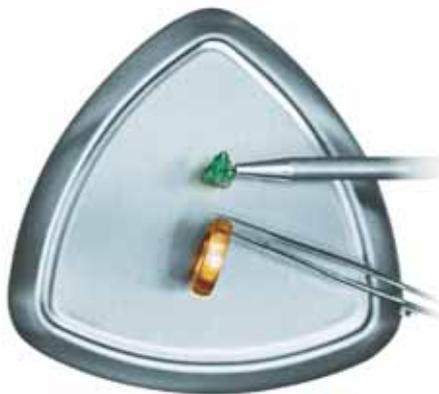
**Weigh in any unit of mass**  
You can choose from all international weight units commonly used in the jewelry business.

**Enhanced performance specifications included**  
The scales' full resolution ranging from 0.001 ct to 1,600 ct enable you to check gemstones more precisely and reliably than ever before.

The extra-large weighing pan and logical operator guidance features make the scale yet even easier to operate than you've come to expect. The CE mark gives you peace of mind knowing that the scale complies with electromagnetic compatibility requirements.

**Fast and reliable counts**  
Every Sartorius gold & carat scale features a built-in program for incredibly fast, easy and error-free counting of the tiniest of parts, such as chain links or facets.

**ISO compliance**  
Maximum reliability – all scales have internal, motorized calibration. So a touch of the CAL key is all it takes to ensure that your scale operates with the highest accuracy anytime, anywhere. With an optional printer connected to your scale, you can prove in black and white that you work in compliance with ISO at all times. And if you'd like to streamline your sophisticated tasks even more, just take a look at our list of convenient accessories.



The new  
easy weigh



## Specifications of the High Standard series of Sartorius gold and carat scales



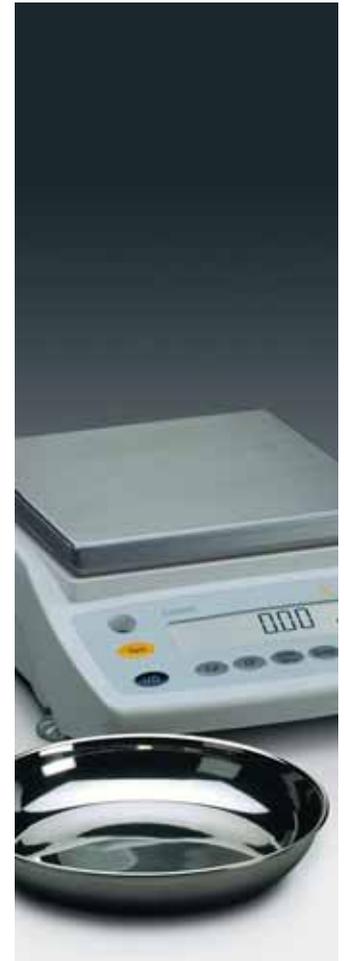
Model	GC1603S-OCE*	GK1203-OCE*	GK703-OCE*
Use	Carat scale	Carat scale	Carat scale
Readability	0.001 ct	0.001 ct	0.001 ct
Capacity	1,600 ct	1,200 ct	700 ct
Response time (avg.)	1.5	1.5	1.5
Additional selectable mass units	Grams	Grams	Grams, troy ounces, pennyweights, Hong Kong Taiwanese taels, momme, Austrian carats, tola,
Pan size	80 mm Ø	90 mm Ø	90 mm Ø
Housing dimensions (W×D×H)	213×342×270 mm	230×303×260 mm	
Battery operation	Rechargeable battery pack, external; order no. YRB05Z for GC, YRB 08Z for GK and GW		
Calibration (all models)	Built-in motorized calibration weight		
Data interface	RS-232C – 25-pin female socket as a standard feature		
Weighing tray **	YWP05G   90 mm Ø	YWP05G   90 mm Ø	69GP0003   90 mm Ø

### Accessories

Data printer	YDP03-OCE (data printer with date, time, statistics functions and transaction counter; powered by the scale)
Remote display	YRD02Z (reflective)
Data transfer software	YSC01L (for Windows and DOS, incl. RS-232C, PC connecting cable)
Carrying case	YDB01CP

\* Verifiable for use in legal metrology in the EC  
Versions for other countries on request

\*\* Included in the standard equipment supplied with the scale



**GK1203**

**GK703**

**GK2202**

**GW6202-OCE\***

Carat scale

Carat scale

Carat scale

Gold scale

0.001 ct

0.001 ct

0.005/0.01 ct

0.01 g

700 ct

700 ct

2,200 ct

6,200 g

1.5

1.5

1

1.1

taels, Singapore tael, Chinese tael,  
baht, mesghal, grains

-

90 mm Ø

90 mm Ø

115 mm Ø

180×180 mm

230×303×260 mm

230×303×136 mm

YWP05G | 90 mm Ø

69GP0003 | 90 mm Ø

YWP05G | 90 mm Ø

YWP04G | 174 mm Ø





**Nice Price series –  
top quality**  
Field-proven carat  
and gold scales from  
Sartorius

## Nice Price series – no tolerances in weighing gold and gemstones

Top quality – proven Sartorius value for your money. Being able to trust the accuracy of weight readouts is still the measure of all things, even in the Nice Price range. The name Sartorius stands for the highest level of reliability for weighing accuracy – without any compromises.

In this price range, you have a choice of ten models with compact housings. With all the performance features that you need in your business and you've come to expect from Sartorius. Options include scales that are verifiable for use in legal metrology within the EU and their Signatory States, and OIML Certificates of Conformity for R76-1.

### Low space requirements

The compact housing dimensions and the light weight of the scale itself enable you to be flexible in setting it up. As a result, the scale offers ideal portability, especially for battery operation.

### Fast results

The response time of the scale is so fast that when you load a sample, the stable readout appears nearly simultaneously.

### Easy to read

The black-and-white liquid crystal display shows readouts with big, bold and bright digits – in grams, carats, troy ounces, taels or pennyweights. Plus, the display control panel makes operation exceptionally easy.

### Battery-operable as an option

If you are on the move and need to work independently of an AC outlet, you can use a commercially available 9-volt battery in some of our models. All other models are battery-operable when connected to an external rechargeable battery pack.

### No more obstacles to fast weighing: GD603-ST

The new carat scale is primarily designed for sorting rough and polished diamonds. Fast operation is essential in this specific application. The new scale meets and exceeds what users have longed for: an instrument that permits direct access to the pan without any interference from

sliding draft shield doors. Thanks to new filter algorithms and an innovative weighing pan design, conventional draft shields can be dispensed with entirely in favor of optimized ergonomics. This results in tremendously faster response time in each weighing operation.

### Logging capability for weighing data

The standard RS-232C serial port allows you to connect a Sartorius data printer to the scale or use the SartoConnect data transfer software to transmit data to a PC. This means you can log all weighing results quickly and reliably, and conveniently recall and print them out as proof, at one touch of the print key.

### Fast and reliable counts

Every Sartorius gold & carat scale features a built-in program for counting of the tiniest of parts.

### Extensive offer of accessories

A glance at our offer of accessories will show how you can use the capabilities of Sartorius gold and carat scales even more efficiently.



## Specifications of the Nice Price series of Sartorius gold and carat scales



Model	GD603-OCE*	GD603	GD603-ST
Designed as a	Carat scale, legal for trade	Carat scale	Carat scale
Readability	0.001 ct	0.001 ct	0.001 ct
Capacity	605 ct	605 ct	605 ct
Response time (avg.)	2	2	2
Additional selectable mass units	ct, g	Grams, carats, troy ounces, pennyweights, Hong Kong taels, Singapore taels, Chinese taels	
Pan size	90 mm	90 mm	35 mm Ø
Housing dimensions (W×D×H)	200×270×233 mm	200×270×233 mm	200×270×70 mm
Battery operation	Rechargeable battery pack, external; order no. YRB08Z (optional)		
Calibration weight, external (optional)	100 g   F1**		100 g   F1**
Weighing tray **	YWP06G		-

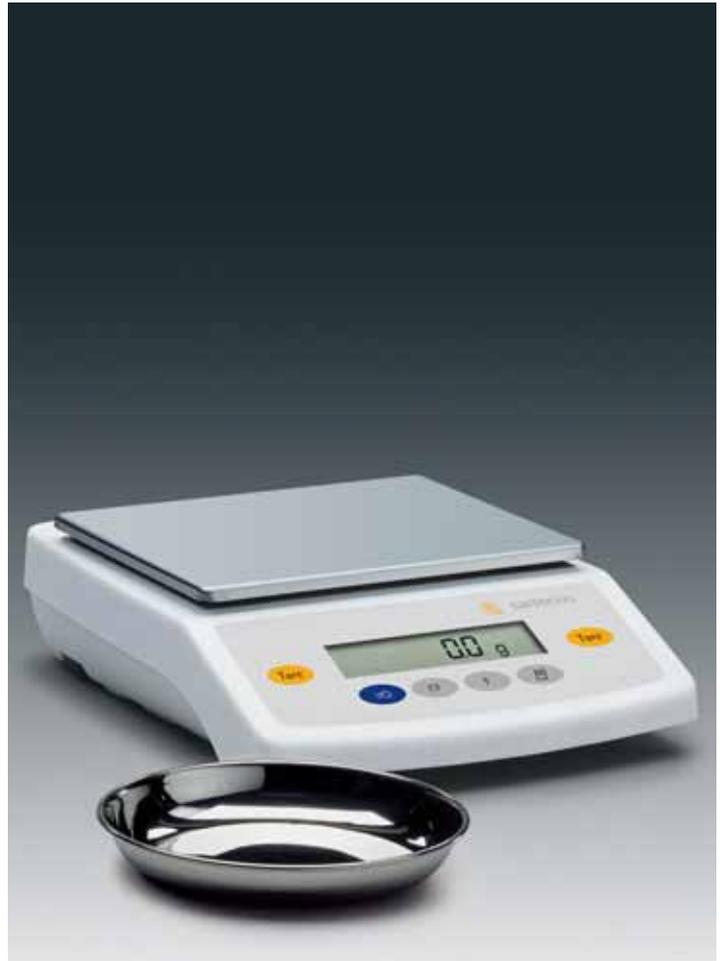
### Accessories

Data interface**	RS-232C – 25-pin female socket – standard equipment for all models		
Data printer	YDP03-OCE (data printer with date, time, statistics functions and transaction counter)		
Remote display	YRD02Z (reflective)		
Data transfer software	YSC01L (for Windows® and DOS, incl. RS-232C connecting cable; scale port for PC)		
External calibration weight	YCW5138-00**	YCW5138-00** (100 g/F1)	
Carrying case	on request		

\* Verified at the factory for use in legal metrology

\*\* Included in the standard equipment supplied with the scale





GE812	GE412	GE7101	GE4101
Gold scale	Gold scale	Precious metal scale	Precious metal scale
0.01 g	0.01 g	0.1 g	0.1 g
810 g	410 g	7100 g	4100 g
2	2	1.5	1.5
116 mm Ø	116 mm Ø	174×143 mm	174×143 mm
500 g   F2	200 g   F2	5 kg   *	2000 g   F2
YWP03G	YWP03G	YWP04G	YWP04G
YCW5548-00	YCW5248-00	YSS653-00	YCW6248-00