

Introduction

Laboratory Balances

Balances are one of the most universal laboratory instruments used in virtually every lab in the world today. BYK-Gardner offers the Sartorius balances to further enhance our ability to provide a “total solution” for the coatings and plastic laboratory market. These balances will meet the needs of virtually any lab, from routine QC checks to sophisticated R&D tasks.

The Sartorius brand provides world class performance with a durable, rugged design. BYK-Gardner offers two Sartorius balances series. The Entris Series that are affordable analytical and toploading balances. The Quintix Series incorporates the latest features of balance design. The product offering includes analytical balances for the most critical weighting tasks and the easy to use toploading design.

When selecting a balance the capacity and the readability are the two most important specifications. The capacity is the maximum limit of the balance. The readability is the minimum unit value that can be displayed. The pan size is another feature that should be considered.



BALANCES

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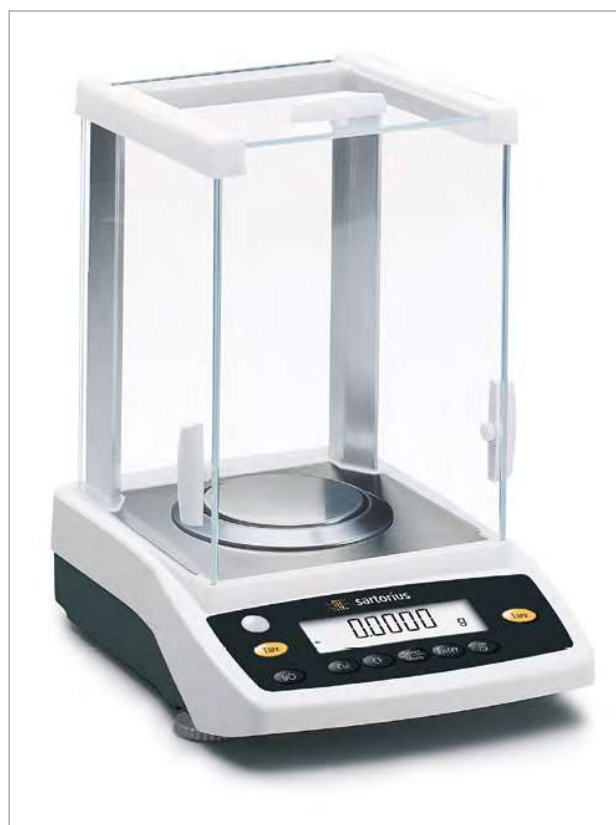
Sartorius Balances

Entris Analytical Balances

The Entris series from Sartorius offers excellent performance for even the most demanding users. They meet all requirements for efficient workflow and accurate results needed in many of today's laboratory applications.

All Entris models are made with state-of-art technology to provide accurate and outstanding performance at remarkably affordable prices. Entris balances are distinguished by an attractive design, durable ABS housing and user-friendly operation.

- Advanced microprocessor for accurate weighing results and fast stabilization
- Built-in application programs for weighing, percentage, density determination, counting, conversion
- Backlit display
- Pan size 90 mm (3,5 inch)
- Anti-theft lock for cable or chain
- Durable ABS housing
- Integrated under-floor weighing
- RS232C interface
- External calibration
- 2 year warranty



Ordering Information

Cat. No.	Description
1636	Entris 124-1S
1637	Entris 224-1S

Comes complete with:

Balance,
Draft shield,
Anti-theft lock,
Below balance weighing,
Glass level

Technical Specifications

	Readability	Capacity	Repeatability
	0.0001 g	120 g	0.0001 g
	0.0001 g	220 g	0.0001 g
Voltage	100-240V, 50-60Hz, 0.2A		
Net Weight, approx.	4.4 kg (9.7 lb)		
Dimensions (DxWxH)	230 x 303 x 330 mm (9.1 x 11.9 x 13.0 in)		

Sartorius Balances

Entris Toploading Balances

The performance specifications of the Sartorius Entris series of balances set new standards in the compact and affordable laboratory balances market. Whether you need to weigh in a lab or in the field, with a Sartorius Entris series balance you will always have just the right equipment.

- Easy navigation with function keys and simple to read level indicators
- Built-in application programs: Weighing, percentage, density determination, counting, conversion
- Backlit Display
- Battery-operable with battery pack accessory
- Extra large feet for easy leveling
- Anti-theft lock protection
- RS 232 C interface
- Draft Shield for 323-1S and 623-1S models



Ordering Information

Cat. No.	Description
1638	Entris 323-1S
1639	Entris 623-1S
1640	Entris 2202-1S
1641	Entris 6202-1S
1642	Entris 8201-1S

Comes complete with:

Balance,
Glass level,
Anti-theft lock,
Below balance weighing

Accessories

Cat. No.	Description
1607	Printer
1643	Printer paper, for 1607
1609	Dust Cover, for Analytical Balance
1038	Data Cable RS232C/USB

Technical Specifications

Readability	Capacity	Repeatability	Pan Size
0.001 g	320 g	0.001 g	115 mm ø
0.001 g	620 g	0.001 g	115 mm ø
0.01 g	2200 g	0.01 g	180 x 180 mm
0.01 g	6200 g	0.01 g	180 x 180 mm
0.1 g	8200 g	0.1 g	180 x 180 mm
Voltage		100-240V, 50-60Hz, 0.2A	
Net Weight, approx.		4.9 kg (10.8 lb)	
Dimensions (DxWxH)		For part numbers 1638, 1639: 230 x 303 x 136 mm 9,1 x 11,9 x 5,4 in.	
		For part numbers 1640 - 1642: 230 x 303 x 91 mm 9,1 x 11,9 x 3,6 in.	

Balances Sartorius

Sartorius Quintix Series

The Quintix series of balances set new standards for design and performance. The Quintix Series provide a wide range of analytical and toploding solutions combining innovative design and highly advanced weighing technology. With the input from experienced lab users a new operating interface was developed. Self-explanatory icons and plain-text prompts on a large touch screen display have all the information for easy operation.

- Easy-to-run application programs at the touch of a button: %weighing, density, mass unit conversion, counting, statistics and more
- Checkweighing to determine if a sample is within the tolerance range
- Convenient filling mode for reliable filling to target value
- isoCAL function to automatically compensate for drift caused by temperature fluctuations
- Menu lock for protection against unintentional changes
- Chemically and vibration resistant housing
- Below balance weighing feature
- USB interface with direct connectivity with Microsoft® Office program. No additional software is needed.
- GLP/GMP compliant records

Sartorius Quintix Analytical Balances

- Draft shield with removable side panels
- Easy to clean design
- Resolution down to 0,1 mg



Ordering Information

Cat. No.	Description
1026	Quintix 124-1S
1027	Quintix 224-1S

Comes complete with:

Balance
In use cover, Anti-theft lock
Below balance weighing
Draft shield

Technical Specifications

Readability	Capacity	Reproducibility	Pan Size
0.0001 g	120 g	0.0001 g	90 mm (3.54 in)
0.0001 g	220 g	0.0001 g	90 mm (3.54 in)
Voltage	100-240V, 50-60 Hz, 0.2A		
Net Weight, approx.	5.2 kg (11.4 lb)		
Dimensions (DxWxH)	360x216x320 mm (14.1x8.5x12.6 in.)		

Sartorius Balances

Quintix Toploading Balances

- isoCAL feature – fully automatic temperature and time controlled adjustment
- Weigh cell mounted on heavy-duty die-cast plate made of aluminum alloy
- Anti-theft device – Kensington lock and lug for attaching a chain or cable
- Draft shield standard for models 213, 313 and 513



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Cat. No.	Description
1028	Quintix 213-1S
1029	Quintix 313-1S
1030	Quintix 513-1S
1031	Quintix 612-1S
1032	Quintix 1102-1S
1033	Quintix 2102-1S
1034	Quintix 3102-1S
1035	Quintix 5102-1S
1036	Quintix 5101-1S
1037	Quintix 5100-1S

Comes complete with:

Balance
 In use cover, Anti-theft lock
 Below balance weighing
 Draft shield (for Quintix 213-1S, 313-1S, 513-1S only)

Technical Specifications

Readability	Capacity	Reproducibility	Pan Size Diameter
0.001 g	210 g	0.001 g	120 mm
0.001 g	310 g	0.001 g	120 mm
0.001 g	510 g	0.001 g	120 mm
0.01 g	610 g	0.01 g	180 mm
0.01 g	1100 g	0.01 g	180 mm
0.01 g	2100 g	0.01 g	180 mm
0.01 g	3100 g	0.01 g	180 mm
0.01 g	5100 g	0.01 g	180 mm
0.1 g	5100 g	0.1 g	180 mm
1.0 g	5100 g	0.5 g	180 mm

Voltage	100-240V, 50/60Hz, 0.2A
New Weight, approx.	5.2 kg (11.4 lb.)
Dimensions (DxWxH)	For models 213,313,513: 360x216x320 mm (14.1x8.5x12.6 in.) For models 612, 2102, 3102, 5102, 5101, 5100: 360x216x95 mm (14.1x8.5x3.75 in.)

Accessories

Cat. No.	Description
1607	Printer
1643	Printer Paper, for Printer 1607
1608	Data Cable, USB/USB-A
1609	Dust Cover, Analytical Balances with draft shield