

Entris[®] II Laboratory Balances



Entris® II – Best Value in its Class for Basic Weighing Tasks

Every Sartorius balance offers quality, value and consistency

No matter what you're weighing, the new Entris® II is always the right choice. Offering unrivalled value at a budget price, this is the only balance in its class featuring isoCAL, LED touch technology and 12 built-in applications. Backed by almost 150 years of German engineering expertise, and available in 40 different models, you'll easily find an Entris® II balance that exactly meets your specific weighing needs.



Find out more
For more information, please visit
www.sartorius.com





sartorius

Max 220 g
d= 0.1mg

iso CAL

0.0000

g

T

0

Quality, Value and Consistency

For accurate weighing results
you can trust time after time

Highest quality standards engineered in Germany

- Highly accurate results year in and year out
 - guaranteed via monolithic weigh cell technology invented by Sartorius*
- Fastest stabilization time in its class
 - using state-of-the-art weighing sensors
- Best repeatability
 - with rectangular weighing pan
- Overload protection
 - rugged design weighs up to a pre-set amount
- Guaranteed reliability
 - with the self-test "@start"
- Made in Germany

Easy clean for operational efficiency and durability

- High chemical resistance
 - ensured using parts made from hard-wearing polybutylene terephthalate (PBT), stainless steel and glass
- Prevents cross contamination
 - with wipe clean design and easy-to-remove parts

Effective draft shield

- Minimizes weighing errors caused by electrostatically charged samples
 - using specially coated glass parts



* may differ for a few models



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Innovations in this Weighing Class

For efficient, user-friendly operation

isoCAL (internal calibration and adjustment) for total assurance of accurate weighing results

- Optimal accuracy and operating convenience
 - using fully automated internal temperature and time-controlled calibration and adjustment feature, unique in this weighing class
- Assures (SOP) compliant operation
 - with self-notification if calibration is outside the normal range

Hybrid screen for excellent readability and use

- Combines intuitive, wear resistant LED and touch technology
 - provides an easy and clear structured user interface

Plug-and-play convenience

- Automatically detects Sartorius accessories (e.g. printer, second display)
- Real "PC-direct feature" for easy connection to a PC to transfer weighing data directly into spreadsheets or documents such as Microsoft® Excel or Word

Data output for dynamic weighing applications

- Configurable time interval for data output

Easily adapts to your ambient conditions

- With just one click on the home screen



Universal Application

For future-proof assurance

The right model for each and every task

- Offering a range of 40 models (the largest portfolio in its class), starting from 60 g up to 8,200 g and a readability from 0.1 mg to 1 g—finding the right model to suit any weighing application is simple

12 built-in applications with GLP | GMP compliant printout | data output

- Weighing | Dosing
- Counting
- Percentage weighing
- Mixing | Net Total
- Components | Totalizing
- Animal weighing
- Calculation | Free Factor
- Density determination
- Statistics
- Peakhold
- Checkweighing
- Mass unit conversion
- and underfloor weighing feature for bigger samples

Weighing chamber (where applicable)

- Highest usable weighing chamber height for easy handling of even large containers
- Convenient access to weighing pan
- Easy-to-(re)move top and side sliding doors
- Draft shield can be removed completely

8 built-in languages for international operation

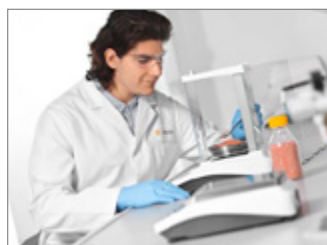
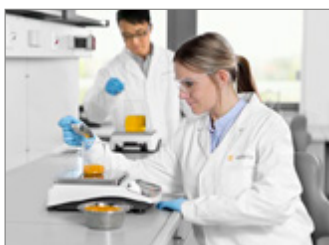
- English, German, French, Italian, Spanish, Portuguese, Russian, Polish

Modern, up-to-date connectivity methods

- Future-proof USB Type C interface
- Industry-proof RS232 9-pin interface
- Backwards compatibility (by using RS232 port)

Password protection for secure operation

- Protects the balance against unintentional changes



Find out more

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Entris® II Technical Specifications



Model	Weighing capacity	Readability	Repeatability, typical	Stabilization time, typical	Weighing pan size	Weighing chamber height*	Dimensions (W x D x H)	Calibration and adjustment	
	[g]	[mg]	[mg]	[s]	[mm]	[mm]	[mm]	Internal	External
Analytical balances									
BCE64i-1x	60	0.1	0.1	≤1,5	Ø 90	240	219x317x345	●	●
BCE64-1x	60	0.1	0.1	≤1,5	Ø 90	240	219x317x345	-	●
BCE124i-1x	120	0.1	0.1	≤1,5	Ø 90	240	219x317x345	●	●
BCE124-1x	120	0.1	0.1	≤1,5	Ø 90	240	219x317x345	-	●
BCE224i-1x	220	0.1	0.1	≤1,5	Ø 90	240	219x317x345	●	●
BCE224-1x	220	0.1	0.1	≤1,5	Ø 90	240	219x317x345	-	●
Precision balances									
BCE223i-1x	220	1	1	≤1,0	Ø 120	240	219x317x345	●	●
BCE223-1x	220	1	1	≤1,0	Ø 120	240	219x317x345	-	●
BCE323i-1x	320	1	1	≤1,0	Ø 120	240	219x317x345	●	●
BCE323-1x	320	1	1	≤1,0	Ø 120	240	219x317x345	-	●
BCE423i-1x	420	1	1	≤1,0	Ø 120	240	219x317x345	●	●
BCE423-1x	420	1	1	≤1,0	Ø 120	240	219x317x345	-	●
BCE623i-1x	620	1	1	≤1,0	Ø 120	240	219x317x345	●	●
BCE623-1x	620	1	1	≤1,0	Ø 120	240	219x317x345	-	●
BCE653i-1x	650	1	1	≤1,0	Ø 120	50	219x317x145	●	●
BCE653-1x	650	1	1	≤1,0	Ø 120	50	219x317x145	-	●
BCE622i-1x	620	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE622-1x	620	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE822i-1x	820	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE822-1x	820	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE1202i-1x	1,200	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE1202-1x	1,200	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE2202i-1x	2,200	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE2202-1x	2,200	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE3202i-1x	3,200	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE3202-1x	3,200	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE4202i-1x	4,200	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE4202-1x	4,200	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE6202i-1x	6,200	10	10	≤0,9	182x182	-	219x317x94	●	●
BCE6202-1x	6,200	10	10	≤0,9	182x182	-	219x317x94	-	●
BCE2201i-1x	2,200	100	100	≤0,9	182x182	-	219x317x94	●	●
BCE2201-1x	2,200	100	100	≤0,9	182x182	-	219x317x94	-	●
BCE5201i-1x	5,200	100	100	≤0,9	182x182	-	219x317x94	●	●
BCE5201-1x	5,200	100	100	≤0,9	182x182	-	219x317x94	-	●
BCE8201i-1x	8,200	100	100	≤0,9	182x182	-	219x317x94	●	●
BCE8201-1x	8,200	100	100	≤0,9	182x182	-	219x317x94	-	●
BCE6200i-1x	6,200	1,000	1,000	≤0,9	182x182	-	219x317x94	●	●
BCE6200-1x	6,200	1,000	1,000	≤0,9	182x182	-	219x317x94	-	●
BCE8200i-1x	8,200	1,000	1,000	≤0,9	182x182	-	219x317x94	●	●
BCE8200-1x	8,200	1,000	1,000	≤0,9	182x182	-	219x317x94	-	●

* upper edge of the weighing pan to the lower edge of the upper draft shield panel
x = term for country-specific models

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