

## Entris® II Laboratory Balances



turning science **into solutions**



## 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](http://www.sartorius.com)



# 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



# 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

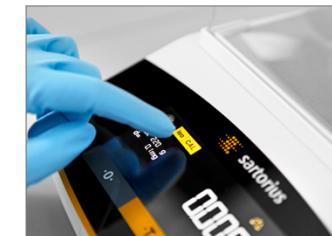
- Automatically detects Sartorius accessories (e.g. printer, second display)
- Real "PC-direct feature" for easy connection to a PC to transfer weighing data directly into spreadsheets or documents such as Microsoft® Excel or Word

### 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



\* may differ for a few models



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# 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

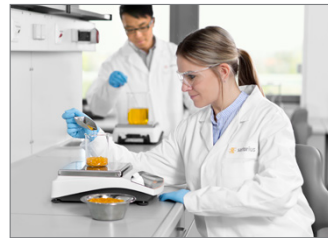
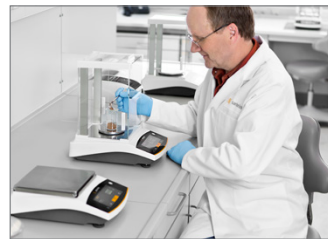
- English, German, French, Italian, Spanish, Portuguese, Russian, Polish

### 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



## 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	
							[mm]	[mm]	Internal	External
<b>Analytical balances</b>										
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	-	•	
<b>Precision balances</b>										
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



Find out more  
For more information, please visit  
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