

The new Sartorius CP Series.
The clear winner in its
weighing class.



Win with superior technology.

The proven Sartorius CP balances have won over thousands of users because of their reliable performance. Now there's a new generation in technology, quality and features that says "move over"... meet the new CP. When you cannot afford to take any chances in buying new weighing equipment, the new CP generation should be your Number One choice. Whether you need to weigh-in samples with microgram accuracy or require a heavy duty capacity up to 34 kg, the new Sartorius CP series offers a total of 29 models to choose from. Get the balance just right for you, for nearly any lab weighing application under the sun.

Skill and determination are the attributes of a winner.

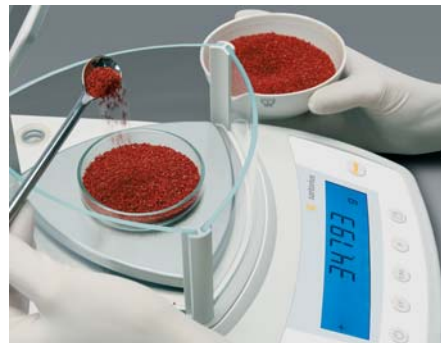
That's why all balances of the new Sartorius CP series are equipped with a monolithic weigh cell available only from Sartorius. This cell is not only incredibly precise, but also exceptionally reliable and durable.

In addition, the new Sartorius CP scores winning points with further technical advantages that ensure continuous operation of the balance with the greatest possible accuracy.

Take the built-in, motorized calibration weight for example: Just touch the CAL key, and the balance will automatically perform internal calibration and adjustment – whenever required in your process. And then there's the isoCAL function.

When the ambient temperature changes by a specific value or once a defined time interval has elapsed, isoCAL performs internal calibration and adjustment fully automatically. Therefore, the balance ensures that calibration is carried out at regular intervals, and delivers consistently high accuracy.

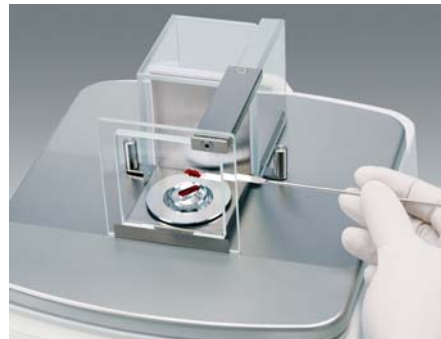
On top of this, the high-contrast, backlit display is exceptionally easy to read under any lighting conditions (non-backlit micro- and semi-microbalances available).



Built-in application programs for weighing in percent, net-total formulation, animal weighing and counting provide valuable resources, especially when you need to do more than just weigh.



All new CPs feature monolithic weigh cells – the one shown here is for analytical balances – and have been optimized to meet the particular requirements of each accuracy class.



CPA2P microbalance. High-end technology in an affordable price range. Includes a high-quality, ergonomic draft shield.

Win with more performance.



Positive click action for all keys lets users "feel the punch" when wearing gloves, giving them confidence and added reliability in weighing procedures.



An unbeatable line-up: 29 models ranging from 1 µg to 34 kg and consistent operating design all down the line. For even more efficiency when several balance models are in use.

Not just the housing, but the entire construction of the new Sartorius CP with its powerful core, the monolithic weigh cell, stand up to the rigors of tough daily use. The same goes for the control keys, the components on a balance that are most frequently used. Even after they have been pressed tens of thousands of times, they will continue to work precisely just like they have from day one, with positive click action for reliable activation of their respective functions.

All this ensures that you will benefit from the CP's weighing precision and consistently high performance through many years of operation.

Each of the individual 29 CP models (from the semi-microbalance - all the way to the 34-kg heavy-duty model) provide many benefits that offer a lot in today's demanding regulatory environments:

Take the ISO/GLP-compliant recording feature, for example. Connected to a Sartorius YDP03-0CE data printer or a computer, the new Sartorius CP enables you to comply with documentation requirements for use in a quality management system.



Specially designed for weighing filters: The CPA2P-F, e.g., for determining particulate matter residue generated by combustion in diesel engines.

Or check out the draft shield designs of the balance models featuring readabilities of 1 µg, 2 µg, 0.01 mg, 0.1 mg and 1 mg. Both the construction and size are specially adapted to the particular readability, offering tangible assets in actual use:

- Excellent shielding from drafts
- Draft shield doors that glide open smoothly for optimal access to the weighing chamber
- Easy-to-clean design
- Bi-directional RS-232C interface port enables the balance to communicate with a PC, an analytical instrument or a lab robot.



Technical specifications

	Model	Readability (mg)	Weighing capacity (g)	Repeat- ability (\pm mg)	Linearity (\pm mg)	Pan size (mm) (inches)
Microbalances	CPA2P	0.001 0.002 0.005	0.5 1 2	0.001 0.002 0.003	0.002 0.004 0.005	Ø 20 0.8
	CPA2P-F	0.001 0.002 0.005	0.5 1 2	0.002 0.003 0.004	0.002 0.004 0.005	Ø 20 0.8 Ø 125 4.9 Filter pan
	CPA26P	0.002 0.01	5 21	0.004	0.008	Ø 50 2.0
Semi-microbalance	CPA225D	0.01 0.01 0.1	40 100 220	0.02 0.05 0.1	0.03 0.1 0.2	Ø 80* 3.1
Analytical balances	CPA324S	0.1	320	0.2	0.3	Ø 80* 3.1
	CPA224S	0.1	220	0.1	0.2	Ø 80* 3.1
	CPA124S	0.1	120	0.1	0.2	Ø 80* 3.1
	CPA64	0.1	64	0.1	0.2	Ø 80* 3.1
Precision balances	CPA1003S**	1	1,000	1	2	Ø 110* 4.3
	CPA623S	1	620	1	2	Ø 110* 4.3
	CPA423S	1	420	1	2	Ø 110* 4.3
	CPA323S	1	320	1	2	Ø 110* 4.3
	CPA223S	1	220	1	2	Ø 110* 4.3
	CPA1003P**	1 10	500 1,000	1 10	2 20	Ø 110* 4.3
	CPA6202S	10	6,200	10	20	190x204 7.5x8.0
	CPA5202S-DS**	10	5,200	10	20	Ø 130 5.1
	CPA4202S	10	4,200	10	20	190x204 7.5x8.0
	CPA3202S	10	3,200	10	20	190x204 7.5x8.0
	CPA2202S	10	2,200	10	20	190x204 7.5x8.0
	CPA2202S-DS**	10	2,200	10	20	Ø 130 5.1
	CPA6202P	10 20 50	1,500 3,000 6,200	10 10 30	20 20 50	190x204 7.5x8.0
	CPA10001	100	10,000	100	200	190x204 7.5x8.0
	CPA8201	100	8,200	100	200	190x204 7.5x8.0
	CPA5201	100	5,200	100	200	190x204 7.5x8.0
	CPA34001S	100	34,000	100	200	400x300 15.7x11.8
	CPA16001S	100	16,000	100	200	400x300 15.7x11.8
	CPA12001S	100	12,000	100	200	400x300 15.7x11.8
	CPA34001P	100 200 500	8,000 16,000 34,000	100 200 500	300 300 300	400x300 15.7x11.8
CPA34000	1,000	34,000	500	1000	400x300 5.7x11.8	

* Triangular weighing pan shape d = diameter of the inner circle

** = standard-equipped with draft shield as on analytical models. Accessories available on request.

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