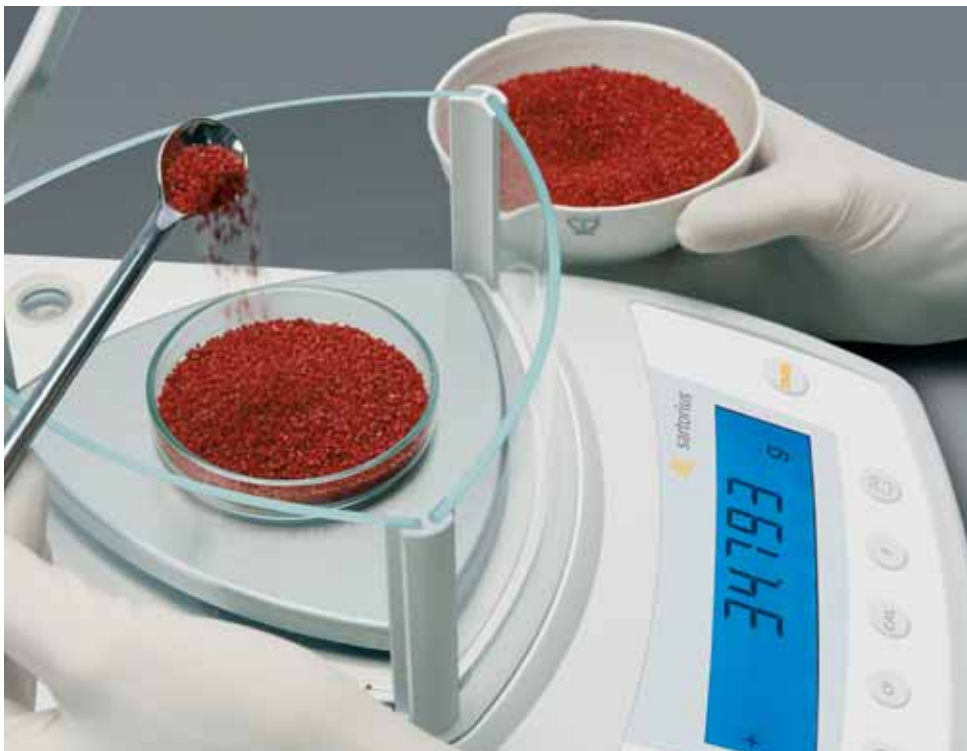




sartorius
mechatronics

The new Sartorius CP.
Unrivalled
in its performance class.



turning science **into solutions**

Win with superior technology.

Skill and technology determine the winner.

That is 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.

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

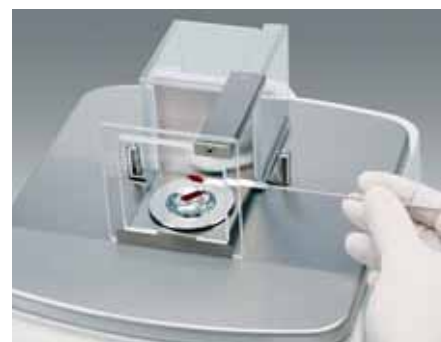
Take the built-in, motorized calibration weight: Just touch the CAL key, and the balance will automatically perform internal calibration and adjustment – whenever required in your process.

And 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 room lighting conditions (non-backlit micro- and semi-microbalances available).



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



CPA2P microbalance. High-end technology at the low end of the price range. With high-quality, ergonomic draft shield.

Win with greater endurance.



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 μ g 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 also the entire construction of the new Sartorius CP with its powerful core, the monolithic weigh cell, stand up to the abuse 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 consistent high performance throughout many years.

These are features that each individual CP balance of the 29 models available provides – from the semi-microbalance all the way to the 34-kg "heavyweight" champion.



Win with more performance.

The new Sartorius CP is like a perfectly trained champion boxer. Not an "ounce too heavy," but packing all the muscle it takes to do the job – sheer performance power.

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

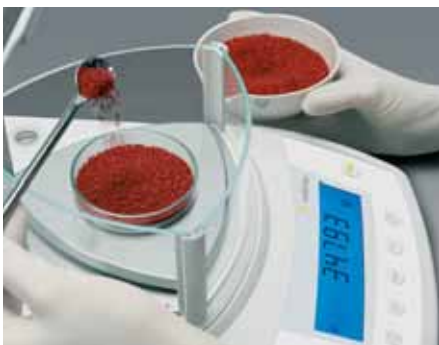
Or check out the draft shield designs of the balance models featuring readabilities of 1 µg, 2 µg, 0.01 mg, 0.1 mg and 1 mg. Both the construction and size are specially adapted to the particular readability, offering tangible assets in actual use:

- Excellent shielding from drafts
- Draft shield doors that glide open smoothly for optimal access to the weighing chamber
- Outstandingly easy-to-clean design

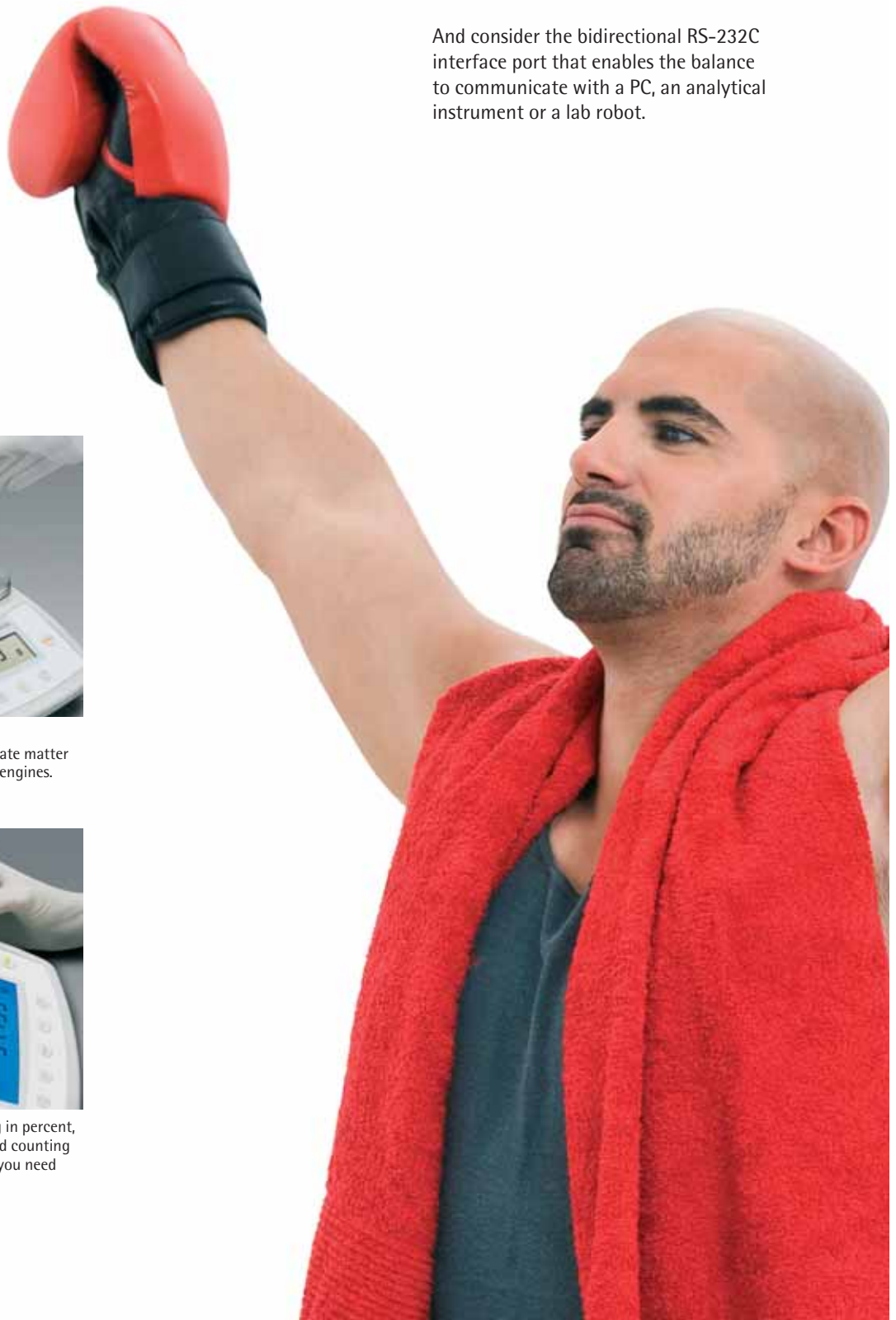
And consider the bidirectional RS-232C interface port that enables the balance to communicate with a PC, an analytical instrument or a lab robot.



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



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



Score winning points with the new Sartorius CP just like a successful boxing pro: It packs the straightforward one-two punch, yet all the finesse that makes a real champion. And the new Sartorius CP steps into the "ring" of lab routines and gets the job done extremely rapidly and effectively. The best risk is no risk: you can rely on the new Sartorius CP.



Technical specifications

	Model	Readability (mg)	Weighing capacity (g)	Pan size (mm)	Repeat- ability ($\leq \pm$ mg)	Linearity ($\leq \pm$ mg)
Microbalances	CPA2P	0.001 0.002 0.005	0.5 1 2	Ø 20	0.001 0.002 0.003	0.002 0.004 0.005
	CPA2P-F	0.001 0.002 0.005	0.5 1 2	Ø 20 Ø 125 Filter pan	0.002 0.003 0.004	0.002 0.004 0.005
	CPA26P	0.002 0.01	5 21	Ø 50	0.004	0.008
Semi-microbalance	CPA225D	0.01 0.01 0.1	40 100 220	Ø 80*	0.02 0.05 0.1	0.03 0.1 0.2
Analytical balances	CPA324S	0.1	320	Ø 80*	0.2	0.3
	CPA224S	0.1	220	Ø 80*	0.1	0.2
	CPA124S	0.1	120	Ø 80*	0.1	0.2
	CPA64	0.1	64	Ø 80*	0.1	0.2
Precision balances	CPA1003S**	1	1,000	Ø 110*	1	2
	CPA623S	1	620	Ø 110*	1	2
	CPA423S	1	420	Ø 110*	1	2
	CPA323S	1	320	Ø 110*	1	2
	CPA223S	1	220	Ø 110*	1	2
	CPA1003P**	1 10	500 1,000	Ø 110*	1 10	2 20
	CPA6202S	10	6,200	190×204	10	20
	CPA5202S-DS**	10	5,200	Ø 130	10	20
	CPA4202S	10	4,200	190×204	10	20
	CPA3202S	10	3,200	190×204	10	20
	CPA2202S	10	2,200	190×204	10	20
	CPA2202S-DS**	10	2,200	Ø 130	10	20
	CPA6202P	10 20 50	1,500 3,000 6,200	190×204	10 10 30	20 20 50
	CPA10001	100	10,000	190×204	100	200
	CPA8201	100	8,200	190×204	100	200
	CPA5201	100	5,200	190×204	100	200
	CPA34001S	100	34,000	400×300	100	200
	CPA16001S	100	16,000	400×300	100	200
	CPA12001S	100	12,000	400×300	100	200
	CPA34001P	100 200 500	8,000 16,000 34,000	400×300	100 200 500	300 300 300
CPA34000	1,000	34,000	400×300	500	1000	

* Triangular weighing pan shape Ø = diameter of the inner circle ** = standard-equipped with draft shield as on analytical models.
All models can be supplied in the verified version for legal metrology in the EU including Signatories of the European Economic Area (except for CPA2P, CPA2P-F, CPA2202S-DS, CPA5202S-DS, CPA1003P). Accessories available on request.

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