



sartorius




Sartorius Element
Step into
the lab world



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The New Sartorius Element

Meeting the requirements of tomorrow

Economically priced laboratory balances usually do not come with enough equipment. More expensive models, on the other hand, often include features that are never used. When you buy a balance today, you may not know what demands will be made on it tomorrow. That's why you need a balance that can adapt to your requirements.

The Sartorius Element is an entry-level balance for the laboratory, designed for multifaceted and changing needs. The option of using high-capacity batteries means you can operate the balance independently of a power supply or in a stationary installation. Clear operator guidance features make it easy to adapt the balance to different applications. And if the balance needs to be connected to a computer at some later stage, an interface port can be simply plugged into the back panel.

◀ The Sartorius Element can even perform density determination with below-balance weighing. Other programs, such as counting, weighing in percent, totalizing and display lock mode, can be easily selected. Results can be viewed in 14 different weight units.



Calibrating the balance is especially easy – just one key is all it takes. What's more, many Element models come with calibration weights stored in the housing. The calibration value is selectable, so available weights with a different load can be used.



Clear allocation of functions to keys and easy-to-understand symbols enable intuitive operation. The large, white backlit display is exceptionally easy to read. All models include

a level indicator and adjustable feet as standard features, for optimal adjustment to the place of installation.



The high-performance ELT103 balance enables highly accurate measurements with a readability of 1 mg. The glass draft shield ensures stable results every time.



A data interface can be retrofitted to the balance at any time. If the need for data transfer capabilities does not arise until long after the balance has been purchased, an interface can be ordered separately and installed by the user.



With eight high-capacity 1.5 V batteries in the battery compartment, lengthy measurement series can be performed outside the lab at any time. The hook for below-balance weighing is protected by a plastic cover on the bottom of the balance.

Specifications

Milligram Precision Balance



Model	Readability (g)	Weighing capacity (g)	Pan size (mm/in.)	Repeatability (g)	Linearity (g)	Response time (avg., sec.)	Calibration weight (g)
ELT103	0.001	100	107 5.4	0.001	0.003	2.5	100 *

Precision Balances



Model	Readability (g)	Weighing capacity (g)	Pan size (mm/in.)	Repeatability (g)	Linearity (g)	Response time (avg., sec.)	Calibration weight (g)
ELT202	0.01	200	140 × 127 7.0 × 6.4	0.01	0.03	2	100 *
ELT402	0.01	400	140 × 127 7.0 × 6.4	0.01	0.03	2	200 *
ELT602	0.01	600	140 × 127 7.0 × 6.4	0.01	0.03	2	200 *
ELT601	0.1	600	140 × 127 7.0 × 6.4	0.1	0.2	1.5	200 *
ELT1001	0.1	1,000	140 × 127 7.0 × 6.4	0.1	0.2	1.5	200 *
ELT2001	0.1	2,000	140 × 127 7.0 × 6.4	0.1	0.2	2	2,000
ELT4001	0.1	4,000	140 × 127 7.0 × 6.4	0.1	0.2	2	2,000
ELT6001	0.1	6,000	140 × 127 7.0 × 6.4	0.1	0.2	2	5,000
ELT6000	1	6,000	140 × 127 7.0 × 6.4	1	1	1.5	5,000

* included

Accessories:

YADAP-RS RS-232C interface
YADAP-USB USB port

Other accessories available on request

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