



Sartorius Element Series

**Taking the Concept
of Basic to a
Higher Level**

Sartorius Element Series

Presenting New Ways to Increase Your Weighing IQ

Sartorius is one of the leading suppliers of precision balances in the world. Our New Element Balance Series has many features of more costly balances and scales for a lot less. In fact, the Element takes the basic balance to a higher level of convenience and expertise.

Features That Make Sense in the Field or in the Lab



Portability is just one of the many great features in the Element Series.

Every unit is battery operable.

Other key features include:

- Stainless steel weighing pans in 2 versions: The milligram model features a round pan (107mm/4.2in.); all others feature a rectangular pan (140x127mm/5x5.5in.)
- Rigid construction – the Element units are built to last- specifically with overload protection which is designed to protect the balance from overuse
- Rugged Anti-Theft locking device is built into the housing
- Up to two 100 gram cal weights can be inserted into the rear compartment (up to 0.01g readability). In addition, three



selectable weight values can also be used for calibration

- Calibrate with one-button operation
- Optional RS232 or USB connection cable available

Applications That Satisfy Most Needs

Application programs include: counting, totaling, weighing in percent, locking in readouts, easy below-balance density determination. In addition, there are 14 selectable weight units plus one that is freely selectable



Below-balance weighing with a hanger is also available.

Model No.	Capacity	Readability	Reproducibility ($\leq \pm g$)	Linearity ($\leq \pm g$)	Stabilization Time	Pan Size
ELT103	100 g	0.001 g	0.001 g	0.003 g	2.5 sec	107 mm / 4.2 in.
ELT202	200 g	0.01 g	0.01 g	0.035 g	2 sec	40x127mm / 5.5 x 5 in
ELT402	400 g	0.01 g	0.01 g	0.03 g	2 sec	140x127mm / 5.5 x 5 in
ELT602	600 g	0.01 g	0.01 g	0.03 g	2 sec	140x127mm / 5.5 x 5 in
ELT601	600 g	0.1 g	0.1 g	0.2 g	1.5 sec	140x127mm / 5.5 x 5 in
ELT1001	1000 g	0.1 g	0.1 g	0.2 g	1.5 sec	140x127mm / 5.5 x 5 in
ELT2001	2000 g	0.1 g	0.1 g	0.2 g	2 sec	140x127mm / 5.5 x 5 in
ELT4001	4000 g	0.1 g	0.1 g	0.2 g	2 sec	140x127mm / 5.5 x 5 in
ELT6001	6000 g	0.1 g	0.1 g	0.2 g	2 sec	140x127mm / 5.5 x 5 in
ELT6000	6000 g	1 g	1 g	± 1 g	1.5 sec	140x127mm / 5.5 x 5 in

Advanced Features

- High-Technology weighing system for fast, stable results
- Optional RS-232 adapter connects to data printer, PC or to a remote display
- Rugged housings and stainless steel weighing pans
- Optional USB adapter connects to a PC for data storage and more

Standard Applications

- Weighing in percent
- Totaling
- Counting of small parts
- 14 Selectable weight units
- Below-balance for density weighing

Selected Accessories

- YDP03-OCE Statistical data printer
- 72US1010.3 Software Wedge for DOS or Windows
- YADAP-RS RS 232 connection cable (6 ft.)
- YADAP-USB USB connection cable (6 ft.)

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