SUPREME Accuracy
Extensive RANGE
HIGH Capacity
PURE Precision
Computer generated finite element analysis is the foundation of the design for the new Series 9000 balance line by Scientech. Utilizing this advanced technology in tandem with computer aided design, Scientech's engineers were able to reduce the number of parts, decrease weight, and increase ruggedness while enhancing overall performance. The attractive quality of this new design is demonstrated by the CE mark of conformity along with Scientech's ISO 9000 registration.

For those customers not needing the CE mark, non-CE certified balances are available.

Every Series 9000 model is a precise weighing device incorporating an impressive list of standard features. Although capable of weighing heavyweight loads, these exemplary performers were designed to indicate featherweight readabilities such as:

- SA Series
  Analytical weighing demands a high standard of accuracy. The SA Series delivers. Weights from 80 to 510 grams with a 0.1mg resolution are displayed promptly, clearly and reliably. The SA 510 reigns over this analytical series as the only 510 gram balance with a 0.1mg readability. This makes the SA 510 the unrivaled heavyweight of all analyticals. The SA 80 is the workhorse of the SA realm. This handy performer is perfect for the value conscious user who wants ultra-featherweight readability for a lightweight price.

- SL Series
  Ranging from modest to formidable birds of prey, the SL models have an impressive wing span of 400 to 6000 grams and still perceive the touch of a single feather down to 0.01g. With two different sized weighing platforms, these laboratory balances can also be configured to handle your specific weighing environment.

- SG Series
  The SG Series is a high capacity family of balances sporting flat, rectangular pans as standard equipment. Easily handling up to 12,000 grams with a feather touch of 0.1g, this species is an accurate, feature rich line perfect for any high capacity application.

An outstanding feature which can be added to any SA model is the optional motor driven, built-in, calibration weight (9000-INT). This handy accessory gives you the ability to easily recalibrate your SA analytical balance as often as you wish without having to use an external weight. In combination with our unique real time temperature compensation software, this quality feature assures you of dependable, accurate results.

- SP Series
  Pure precision is the title which defines this high flying formation. Able to create weights ranging from 150 to 1500 grams with a featherweight resolution of 1mg, this high performance series rapidly displays results on an easy to use control panel. The first and only 1500 gram balance with a 1mg readability, the SP 1500 is the unequalled heavyweight in this division. Although the SP 150 is the lightweight model in this ensemble, it also boasts an inspiring list of standard features including a circular glass windscrew, as do all SP models.

- SL Series
  Exclusive real time temperature compensation software
  - Automatic microprocessor control
  - Floating Tare™
  - Selectable filtering
  - Multiple units of measure
  - Percent weighing
  - Capacity tracker
  - Below balance weighing

- SG Series
  Floating Tare™
  - (dual range models only)
  - Autoranging
  - (dual range models only)

- Parts Counting
  You can even use a Scientech balance for piece counting. Every model empowers you to count very small to large components quickly and accurately. The minimum fixed sample number is ten with a user selectable larger sample size feature at your fingertips.

- Vibrations Filters
  This feature authorizes you to select a filter setting which is best suited to your task. If your surroundings are vibration-free, set the filter parameter to zero to achieve maximum performance. If vibrations are present, select a higher filter parameter. These selections will insure reliable readings during your different weighing applications.

- Units of Measure
  These multifunctional balances present a choice of five different standard units of measure grams (g), carats (ct), ounces (oz), pounds (lbs) and pennyweight (dwt). Just push the mode button to select your desired unit of measure. Also available as an option is a custom weight register which allows any unit of measure you wish.

- Live Animal Weighing
  Weighing using the time averaging mode is ideal for live animal or severe environment weighing. This feature also includes a reset function which allows you to arrive at the final weight reading in seconds rather than minutes with just the push of a button.
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<th>SA 310</th>
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Optional ACCESSORIES

GLP/GMP/ISO Compatible
All Scientech balances are
GLP/GMP/ISO compatible. Either
using a computer or Scientech’s option-
al data input keyboard and one of our
small, optional RS232 printers, you
may print a hardcopy of either the
GLP/GMP Compliance Report and/or
a Balance Test for ISO calibration
compliance anytime you desire.

Data Input Keyboard
The data input keyboard greatly
increases the flexibility of the standard
balance. This accessory includes the
following application programs with
50 user programmable storage registers
and a calendar/time clock:

- Statistics
- Weight averaging
- Weight conversions
- Infinite units of measure
- Severe environment weighing
- Parts counting
- % Weighing
- % Solids
- % Moisture loss
- % Compounding

Printers
These small printers utilize the standard
RS232 data interface which is in each
Series 9000 model. Both thermal and
dot matrix models are available. Each
printer includes the interconnecting
cable and is ideal for recording your
reading for later review.

Custom Weight Register
This factory installed option allows you
to weigh in any unit of measure you
desire. Perfect use of this register is to
weigh in milligrams or pounds instead
of grams. It is also ideal for results in
basis weight, any weight per unit area
measurement, or even dollars.

Other accessories include: optional
remote weighing, NIST traceable
calibration weights, hangers for below
balance weighing, spill covers, weighing
bowls, rectangular pans, and remote
send/tare foot switch.

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