

# SCIENTECH®

## SM SERIES

**New**  
0.01mg  
Balances



Shown with optional PDA Software  
which includes Palm™ Pilot

ISO 9000  
REGISTERED

*The* **MEASURE**  
*of Confidence*

# SM SERIES

Scientech, an innovator in high quality, precision weighing for over 34 years, is announcing four new semi-micro balance models which are 100% Made in the USA. Semi-micro balances are analytical balances with a readability of 0.01mg (10µg).

The foundation for this high performance SM Series is Scientech's unique and unequalled displacement detector, which is the heart of our state-of-the-art, self-adjusting, digital servo. The result is a ten-fold increase in weighing performance while maintaining our proven, simple, easy to use, operator interface. The attractive quality of this new design is demonstrated by the CE mark of conformity along with Scientech's ISO 9000 registration.

The SM Series comprises an impressive list of both single and dual range units.

What is even more remarkable is every dual range model possesses Scientech's exclusive Floating Tare™ feature. This powerful option gives you two balances in one unit. Used hand-in-hand with autoranging, Floating Tare provides low range readability (0.01mg) throughout the entire high range capacity of the balance. Access Floating Tare with the press of a button and you have ten times more resolution anywhere within the high range domain.

Each model includes an impressive array of standard features including an analytical windscreen with three glass sliding doors, RS232 data interface, GLP/GMO/ISO compatibility, selectable filter settings, exclusive real-time temperature compensation, automatic calibration software, percent weighing, capacity tracker, auto zero tracking,

built-in security bracket, time average weighing, stability indicator, counting programs, check weighing, and optional motorized automatic internal calibration weights.

Coupled with our new optional personal data assistant (PDA) software, including a Palm™ Pilot, you will have an easy plug-and-play remote controller and readout for any of these four high-powered models. This handy PDA provides direct access to a variety of preprogrammed weighing modes and functions, which enhance the productivity of your weighing tasks. You will find both routine and intricate weighing applications are easier than ever.

With the emphasis in the market for high quality, low cost products, you cannot go wrong with Scientech's new SM Series of semi-micro balances.

## SM SERIES *Specifications*



MODEL		SM50	SM99	SM124D	SM128D
WEIGHING MODE		Single	Single	Dual	Dual
CAPACITY/RANGE	g	50	99	40/120	80/120
READABILITY	mg	0.01	0.01	0.01/0.1	0.01/0.1
REPEATABILITY (std dev)	mg	0.02	0.04	0.02/0.1	0.03/0.1
LINEARITY	+/-mg	0.03	0.03	0.03/0.2	0.03/0.2
STABILIZATION TIME	s	~8	~8	~8	~8
PAN SIZE	in	Circular 3.5 in diameter			
WINDSCREEN	in	7.5W x 8.25D x 9.5H			
BALANCE HOUSING	in	7.5W x 11.25D x 3.25H			



**SCIENTECH®**

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