

SCIENTECH®

ZETA SEMI-MICRO



**PATENT
ISSUED**

**5 - YEAR
WARRANTY**

**NEW WEIGHING
TECHNOLOGY**

**UNBREAKABLE
SENSOR**

**ISO 9001
REGISTERED**

The **MEASURE**
of Confidence

SEMI MICRO SCALE

Scientech has now coupled our new revolutionary direct loading sensor design into a semi micro (0.01mg) balance. This unique marriage gives you the advantage of the first-of-its-kind micro balance that has the ability to last decades under extreme abuse. No longer do you have to worry about damaging a high priced micro balance through rough treatment. The new model is called our ZSM50 and is part of our patented Zeta Series which no other balance manufacturer can match.

The core of this new Zeta balance is based on a direct loading, electromagnetic, force restoration cell concept, which differs dramatically from the normal lever or mono-block designs. The result is a more rugged balance with an easily repairable, modular sensor while enabling high performance.

In addition, the unrivaled ZSM50 semi micro balance is handcrafted in the USA and retains all the accuracy, durability, and user-friendly standard features you have come to expect from Scientech. Also you will be assured by knowing that you are backed by an ISO9001 manufacturer and a 5-year warranty in North America.



ZETA SERIES *Specifications*

MODEL	ZSM 50	
WEIGHING MODE	Single	
CAPACITY / RANGE	g	50
READABILITY	mg	0.01
REPEATABILITY (std dev)	mg	0.02
Linearity	± mg	0.03
Stabilization Zone	s	~ 8
Pan Size	in	Circular 3.5 diameter
Windscreen	in	3 sliding glass doors
Balance Housing	in	7.5Wx8.25Dx12.75H

STANDARD FEATURES

- ▶ GLP/GMP/ISO compatible
- ▶ RS232 data interface
- ▶ Auto zero tracking
- ▶ Built-in security bracket
- ▶ Dynamic weighing
- ▶ Selectable filtering
- ▶ USB data interface

SPECIAL FEATURES

- ▶ Capacity tracker
- ▶ Stability Indicator
- ▶ Check weighing
- ▶ Percent weighing
- ▶ Parts counting
- ▶ Multiple units of measure

SCIENTECH®

Electronic Weighing * Laser Power/Energy Measurement

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ISO 9001
REGISTERED

An ISO 9000 Registered Company

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