

SM3™ STARTLEMONITOR DATA SHEET



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Delivers unmatched precision, unprecedented sound flexibility and high-speed video capability to set the industry standard for advanced behavioral data collection.



Product Characteristics & Features

Create any sound you need—
white noise, pure tones, or
custom .wav files.

Precision Load Cell Sensor

Built-in high-speed cameras
deliver clear response
visualization and support
AI-driven analysis

Up to 20 Second
Record Window - Startle,
Habituation, Pre-Pulse
Inhibition, Tinnitus and
now Pre-Pulse Facilitation

FDA Part 11 compliant

MHRA Audit Tracking
compliant

Post data collection analysis
allows any slice of the data
(e.g. time)

Intuitive 7" Touchscreen
Display for superior
usability

Self-calibrating for Load Cell

35 db Sound Attenuation

Product Name:

SM3™ StartleMonitor

Product Category:

StartleMonitor™ Systems

WARRANTY

KINDER SCIENTIFIC warrants to the original purchaser that the **SM3 StartleMonitor System** is free of defects in material and workmanship for a period of three years from the date of purchase from KINDER SCIENTIFIC. This warranty is non-transferable.

KINDER SCIENTIFIC'S STARTLEMONITOR™ PRODUCTS SET THE INDUSTRY STANDARD FOR PRECISION AND RELIABILITY IN BEHAVIORAL DATA COLLECTION

As a result, these Systems are trusted and used by every major drug discovery and drug safety testing organization worldwide! In fact, more StartleMonitor products are in use in industry today than by any other provider!

Reasons to choose

SM3 StartleMonitor

Unprecedented Sound Options

Ability to create virtually ANY sound:

- White Noise
- Pure Tone
- Your own .wav file

2 Zero-Light High Speed Cameras

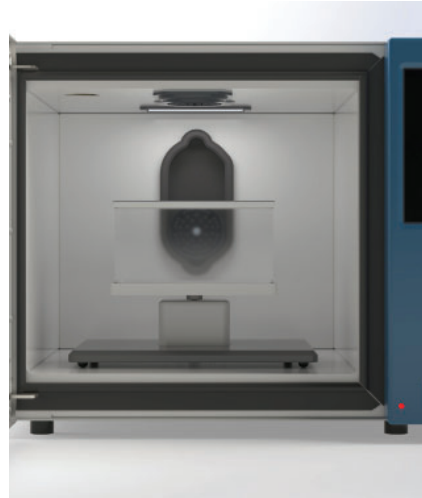
High Speed video can also be viewed along with Startle Response trace

Up to 20 Second Record Window

Startle, Habituation, Pre-Pulse Inhibition, Tinnitus and now Pre-Pulse Facilitation

Regulatory Compliant

- FDA Part 11
- MHRA Audit Trail



**STARTLE CHAMBER
WITH CLEAR RESTRAINER**

SPECIFICATIONS

Overall dimensions: 20.63" wide x 17.5" long
x 16.0" high

Interior dimensions: 13.25" wide x 13.75"
long x 11.5" high

Cameras:
Full HD 2K 480P Infrared
High Speed 100 fps
2 - 20 kHz Sound Range

35 - 120 dB Dynamic Range

SM3 STARTLEMONITOR	ADVANTAGE OF SM3	PRIOR STARTLEMONITOR
• OPTION OF WHITE NOISE, PURE TONE OR ANY .WAV FILE	• UNSURPASSED STARTLE OPTIONS	• ONLY WHITE NOISE
• CAN COMBINE WHITE NOISE, PURE TONE OR ANY .WAV FILE	• CAN PRODUCE ANY DESIRED COMBINATION FOR STARTLE, BACKGROUND OR PRE-PULSE	• ONLY WHITE NOISE
• UP TO 20 SECOND RECORD WINDOW	• FACILITATES PRE-PULSE FACILITATION AS WELL AS PRE-PULSE INHIBITION AND HABITUATION	• UP TO 0.5 SECOND RECORD WINDOW
• OPTION TO RUN UP TO 2 ZERO-LIGHT CAMERAS	• CAN SEE ANIMAL'S RESPONSE IN ADDITION TO LOAD CELL MEASUREMENT	• NO CAMERA OPTION
• LOAD CELL SELF-CALIBRATION	• REDUCES TIME AND COMPLEXITY	• MANUAL LOAD CELL CALIBRATION
• NO BSC OR BSC EXPANSION DEVICES	• DECREASE COST AND COMPLEXITY	• BSC FOR 1ST 8 STATIONS AND BSC EXPANSION DEVICE FOR EACH ADD'L 8 STATIONS
• ETHERNET CABLES	• DECREASE COST, MORE FLEXIBLE, EASIER TO GET AND USE	• DB25 CABLES CONNECT STATIONS AND DB9 CABLE CONNECTS BSC TO PC
• 24 HOUR ON-FRAME DATA RETENTION	• BETTER DATA PROTECTION IN CASE OF PC MELTDOWN	• NO ON-STATION RETRIEVABLE DATA STORAGE



SCAN TO LEARN MORE



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