

AIRSTIM™ UNIT

Tests avoidance learning by motivating an animal's normal sensory pathways



Features & Benefits

- Air puff stimulation - a kinder, gentler method of studying avoidance learning
- All the advantages of shock motivation without an electrical current
- Motivates animals via normal sensory pathways
- Adjustable timing controls to set puff and inter-puff intervals

PRODUCT OVERVIEW

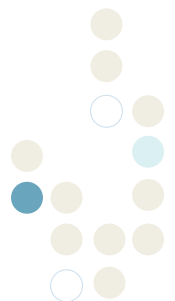
The SDI AIRSTIM system is an alternative method for studying avoidance learning. Instead of delivering an electric current to the animals' central nervous system, AIRSTIM provides air puff stimulation for use in active and passive avoidance testing. Animal subjects are motivated through normal sensory pathways. Stimulation is delivered as a series of air puffs by adjusting the timing controls to set the duration of each puff and inter-puff interval. AIRSTIM may be installed with the SDI Gemini™ enclosures or it may be retrofitted to fit with your existing avoidance testing units.

HOW IT WORKS

The air stream is initiated in the AIRSTIM unit by a switch closure, TTL/CMOS, open collector or a +/- 2.5 to 40 VDC signals to the control chassis. The air stream can be delivered as a series of puffs by adjusting the timing controls to set the duration of each puff and the inter-puff interval. Air puff duration is under full software control.

AIRSTIM COMPONENTS

- Regulator
- Two gas solenoids
- Timing controls
- Purge controls
- Indicator lights
- Two adjustable (length/width) air delivery tubes
- Flexible pneumatic hose
- Compression connectors
- Optional manual operation switch



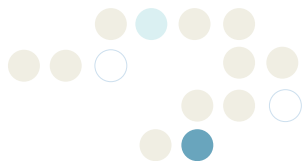
Dimensions	9" (W) x 12" (D) x 3" (H)
Weight	3.5 lbs.
Material Composition	Hair Cell ABS
Maximum # Stations	2 - Right and Left
Standard Cable Length	8 ft.

FOR MORE INFORMATION

Please refer to our website at www.sandiegoinstruments.com or give us a call.

SDI TEST ACCESSORIES

- White Noise Generator
- AIRSTIM™ with software
- Portable Air Puff Unit
- Portable Air Puff Unit with software
- Animal Shocker
- Animal Stimulator



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