



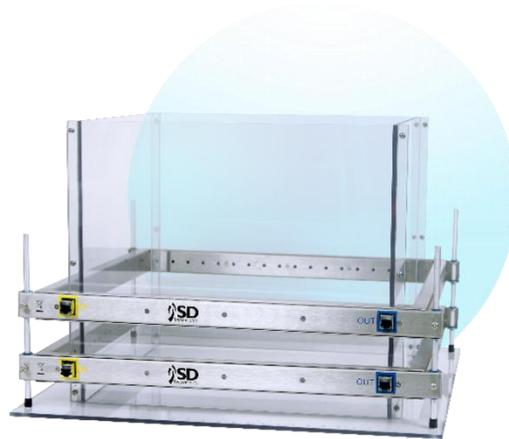
PHOTOBREAM ACTIVITY SYSTEM- OPEN FIELD

SYSTEM COMPONENTS

16x16 Photobeam Mounting
Frame
Control Unit
Software
User Manual
All Cables and Connectors

PART NUMBERS

- 2325-0409
PAS Open Field
Station
- 7500-0334
PAS Open Field
Additional Station
- 7500-0335
PAS Open Field
Rearing Frame
- 2325-0411
PAS Open Field 16
Hole Nose Poke
- 7001-0364
PAS Open Field
Dark Box Insert



PRODUCT OVERVIEW

SDI's Photobeam Activity System – Open Field (PAS-OF) provides a powerful solution for applications in which qualitative analysis of the subject's locomotor patterns is necessary. PAS-OF utilizes 16x16 photobeam configuration to track the subject's path within an acrylic enclosure. The system can be configured with up to 16 stations with optional Rearing frames and optional Floor Pokes. This provides a system to monitor significant behaviors while testing large subject groups. The beam positioning works equally well for both rats and mice. Frames are vertically adjustable to accommodate different size subjects. The PAS-OF Control Unit connects via USB allowing laptops to run the PAS-OF system. PAS-OF utilizes a database to store all study results in a single file in table format ready for export. This eliminates the need to cut and paste multiple files together in order to export study results to statistical packages.

FEATURES & BENEFITS

Configure up to 32 test stations for rapid testing of large subject groups

16 x 16 photobeam configuration

Accurately records ambulation movements, fine movements, rearing, and time stamped (x,y) positions

Real time reporting of activity

Ability to graphically view and play back the subject's path

All study data is stored in a database, providing quick and easy export

PAS DATA REPORTER

PAS-OF data reporter provides precise recording and analysis of ambulation, fine movement, rearing activity (when equipped), and time stamped (x,y) positions. It further quantifies central versus peripheral activity, zone entries, time spent in each zone, and DSR (Distance, Speed, Resting). Advanced software capabilities enable graphical visualization and playback of the subject's trajectory at eight selectable speeds, supporting in-depth behavioral assessment.



Power. Flexibility. Ease of Use.

PHOTOBAM ACTIVITY SYSTEM-OPEN FIELD SPECIFICATIONS

COMPUTER REQUIREMENTS

SDI offers high performance Configure Computers that are pre-installed with the Windows operating system, USB Drivers and applicable SDI software. Windows 10 compatible computer systems with one USB port.

ONSITE TRAINING

SDI offers on site training to ensure understanding of how to operate the PAS Open Field System

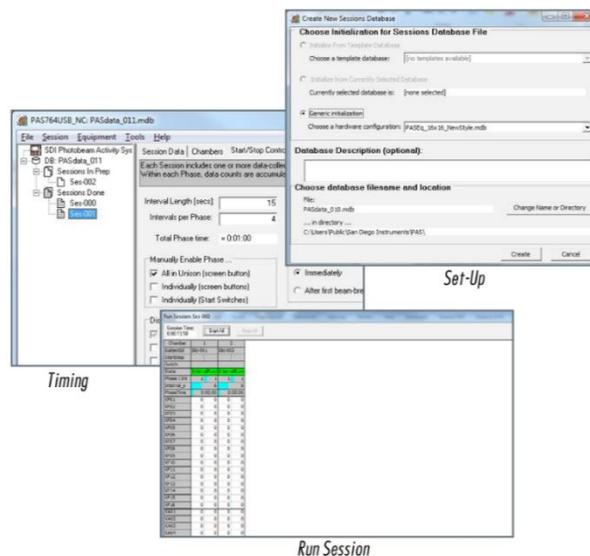
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www.sandiegoinstruments.com

Or contact us via email at

sales@sandiegoinstruments.com

Frame Dimensions	
Outside	20" x 20"
Inside	18" x 18"
Composition	
Frames	Stainless Steel
Enclosure	Clear Acrylic
# of Photobeams	
Locomotor	16 x 16
Rearing	16 on X axis
Photobeam Spacing	1"
Optional Floor Poke Floors	16 holes
Maximum # Stations	
Locomotor Frames only	32 stations
Locomotor and Rearing Frames	16 stations
Locomotor and Floor Poke	16 stations
Locomotor and Rearing Frames with Floor Poke	16 stations
PAS Control Box	
Dimensions	14.5" (W) x 10" (D) x 4.5" (H)
Standard Cable Length	12 ft
Options	
Dark Box Insert Measurement	16" (W) x 8" (D) 15" (H)
	Door Opening 3"
	16 Hole Nose Poke Floor
	4 Hole Nose Poke Floor
System Certifications	
	CE
	FDA CFR Part 11 (6300-0102)



SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty



9155 Brown Deer Rd Suite 8
 San Diego CA 92121
 Phone 858-530-2600
 Fax 858-530-2626

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