

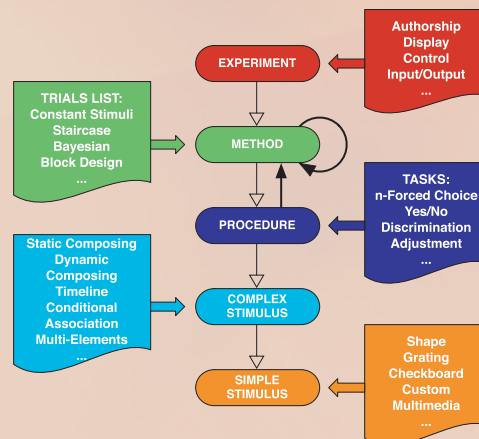
Psykinematix Features:

- Easy experimental design
 - no programming required
 - simple hierarchical structure
 - “canned” experiments
- Standard methods
 - constant stimuli
 - staircase
 - Bayesian adaptive estimation
- Standard procedures
 - nAFC
 - yes/no
 - discrimination
 - adjustment
- Large variety of stimuli
 - shape, grating, checkerboard
 - expression-based (Matlab-like)
 - 1st-, 2nd-order stimulus
 - multi-elements stimulus
 - multimedia
- Temporal properties
 - fusion, flickering, contrast reversal
 - timeline (SOA, ISI)
 - time-varying parameters
- Display calibration
- Enhanced luminance resolution
- Data plotting & fitting
- Data management & logbook
- Communication with external devices
- Easy export of stimuli, graphs & data
- Built-in documentation
- Tutorials and numerous examples
- ... and much more!

Fields of Application:

- Basic & Clinical Vision Research
- Experimental Psychology
- Cognitive Neuroscience
- Brain Imaging/Electrophysiology
- Human Factors

Psykinematix is a comprehensive software package dedicated to **Visual Psychophysics** running on **Mac OS X** computers that **requires no programming skills** to create and run complex experiments: Psykinematix can present spatio-temporal visual stimuli, run standard psychophysical protocols, collect subjects' responses, and analyze results on the fly. It also follows an intuitive experimental design based on the **Method / Procedure / Stimulus** paradigm illustrated below:



Psykinematix is a very affordable experimental package starting from **149\$ USD for a Student Edition License**. Discounts for volume licensing and **support packages** are also available. To learn more about the differences between the various editions, please visit our website (www.psykinematix.com/editions).

Download a 15-day* trial version at www.psykinematix.com

* after expiration it can still be used as a **FREE educational tool** to introduce visual perception and illustrate psychophysical concepts in the classroom.

Minimum System Requirements (v1.* only):

macOS 10.4, G4 800Mhz, 32MB VRAM

Recommended System Requirements (all versions):

macOS 10.8, 2.4GHz Intel Core, 256MB VRAM or better

Compatible with latest macOS 10.13 “High Sierra”



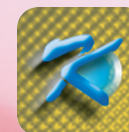
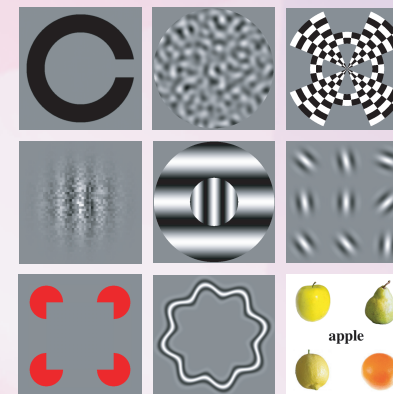
KyberVision Japan LLC
5-2-8 Takamori, Izumi-ku
Sendai, Miyagi
981-3203 Japan



5 New Editions Available:
Student | Standard | GPU
Bits# / Display++ | Metropsis

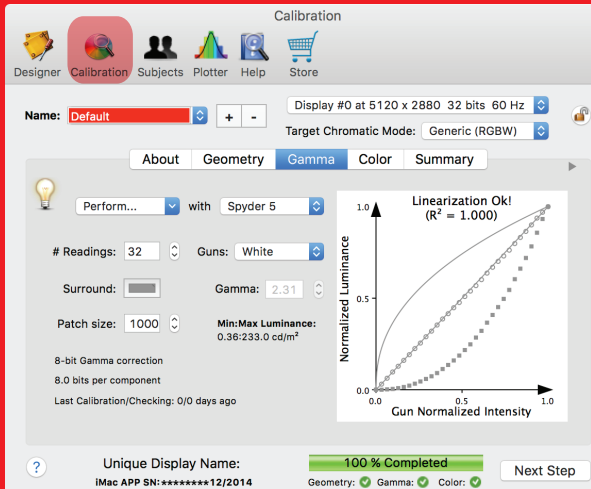
Visual Psychophysics Made Easy!

- ★ No programming required
- ★ WYSIWYG stimulus creation
- ★ Experimental design in no time
- ★ Streamlined workflow



KyberVision Japan LLC
Consulting, R&D in Vision Sciences
info@kybervision.com
www.kybervision.com

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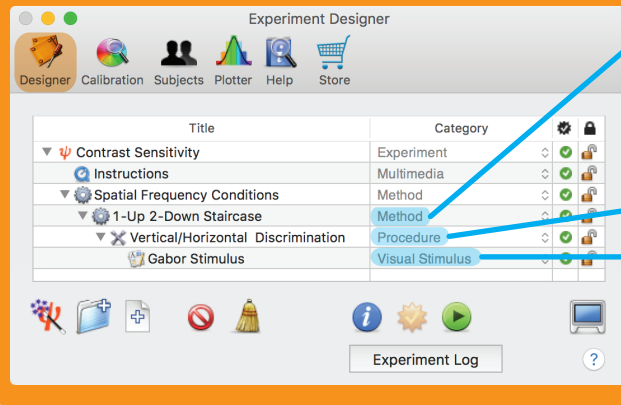


EASY DISPLAY CALIBRATION

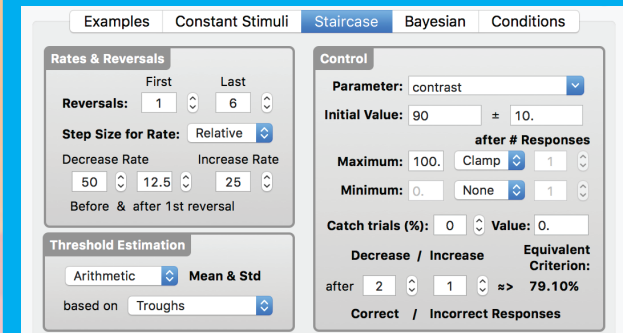
- Geometry
- Gamma correction
- Color: Yxy, L(λ)
- Interfacing with colorimeters

EASY EXPERIMENTAL DESIGN

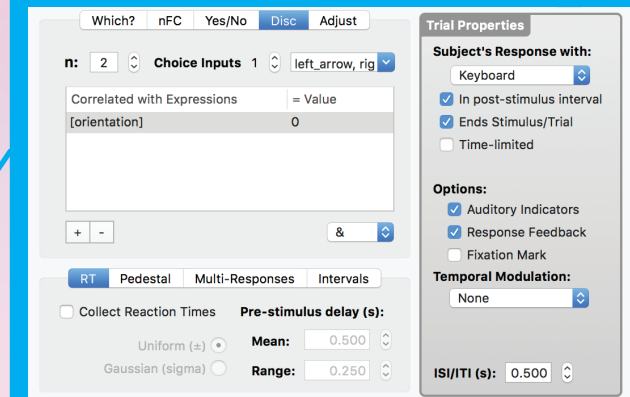
- No programming required
- Simple hierarchical structure
- Design wizard



Standard Methods



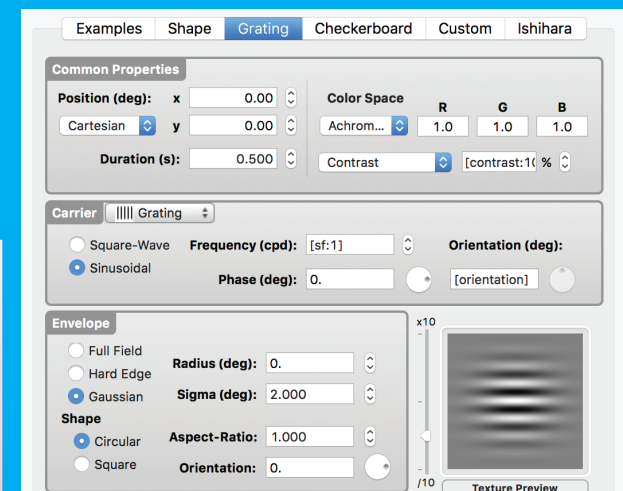
Standard Procedures



CREATE COMPLEX STIMULI

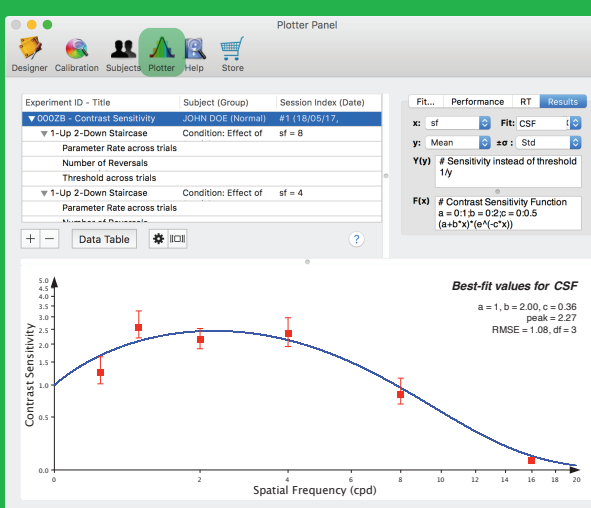
- Static & dynamic composing
- Timeline, conditional
- RDK, multi-elements field
- Text, image, movie & sound
- Time-varying parameters

A Large Variety of Visual Stimuli



DATA PLOTTING & FITTING

- Reaction time histogram
- Threshold & slope
- Graph customization
- Choice of psychometric functions



Complete
Streamlined
Workflow

