# Eyes Systems

Molecular Screening for Realtime, Dynamic, *In Vivo* Imaging

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Scintica:

# Eyes at a Glance

- Small animal whole-body imaging
- In vivo screening / preselection of labeled compounds
- Real-time screening right after administration
- Dynamic imaging down to 1 sec frames
- Mouse photo or artificial x-ray as an anatomical map



All PET Isotopes



All SPECT Isotopes



FLI/BLI SWIR Dyes





Scintica:

#### **Eyes Series: Unique Performance Characteristics**

#### APPLICATIONS

- Imaging during tracer administration
- Selection of biodistribution time-points
- Optimization of mouse preparation protocols
- QC imaging before ex vivo bioditributions
- Radio-TLC measurements

#### **FEATURES**

- Optimized for high throughput
- Operation inside a clean room
- Minimum installation requirements
- User-Friendly software
- Small footprint Truly desktop

#### Lab In A Desk



#### β-eye

*In vivo* imaging of all PET isotopes. TOF capability for superior image quality.

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*In vivo* imaging of all diagnostic and therapeutic SPECT isotopes.

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*In vivo* fluorescence/bioluminescence imaging. Extension to SWIR imaging.

## Visual | *eyes*™ Software

- Real-time image visualization during the scan
- Integrated ROI manager for detailed image analysis
- Time activity curves by the end of the study
- PDF report with study details and results
- Full compatibility with third-party software





### Scintica:

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Application	All PET isotopes	All SPECT isotopes*	FLI   BLI   SWIR dyes
Field of view	50 mm x 100 mm	50 mm x 100 mm	170 mm x 170 mm
Animal capacity	1	1**	3
Weight	<40 Kg	<50 Kg	<60 Kg
Dimensions	44 cm (L) x 46 cm (W) x 40 cm (H)	44 cm (L) x 46 cm (W) x 40 cm (H)	60 cm (L) x 50 cm (W) x 60 cm (H)
Heated bed	1	~	1
Anesthesia flow	1	1	\$
Anatomical mapping	1	1	1
Software	Visual   <i>eyes</i> ™		
Third party software compatibi <b>l</b> ity	1	1	1

\* All diagnostic and all therapeutic isotopes such as 212Pb, 225Ac, 177Lu, 188Re. \*\*Extension for up to 4 mice or rat imaging.





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