# PR $\mathrm{R}^{\oplus}$ PRECISION <br> Scientific 

## ES111 Stage

## Motorised Stage for use with the OptiScan®system



Economical yet precise, the ES111 motorised stage is designed to integrate with the OptiScan control system from Prior Scientific and fits with upright microscopes. The ES111 offers excellent control over the XY axes for a reduced outlay compared with other motorised stages on the market; ideal for the user who does not require a sub micrometre repeatability but nevertheless needs a reliable and accurate stage for routine and repetitive imaging applications.

- Step size (resolution) of $1 \mu \mathrm{~m}$
- Repeatability of $\pm 5 \mu \mathrm{~m}$
- Travel range $125 \times 75 \mathrm{~mm}$.
- Compatible with the full range of Prior specimen holders, including standard slide holders, multi-well plate holders, Petri dish holders and metallurgical specimen holders
- The unique $S$ curve acceleration algorithm allows fast, smooth positioning without vibration, reducing disruption to samples.
- Anti-backlash precision lead screws
- Adjustable XY limit switches


## ES111Stage

Motorised Stage for the OptiScan System

Dimensions


Specifications*
Feature

| Travel Range: | Upright $-125 \times 75 \mathrm{~mm}$ |
| :--- | :--- |
| Repeatability: | $\pm 5 \mu \mathrm{~m}$ |
| Step size (Resolution): | $1 \mu \mathrm{~m}$ |
| Linear Slides: | 3 mm ball bearings |
| Drive mechanism: | Anti-backlash precision lead screw |
| Limit Switches: | X and Y standard, adjustable. |

* All specifications are based on the Prior method of testing and
are only valid with a Prior controller


Scientific


FM 61600

## Worldwide distribution

Prior Scientific Ltd
Cambridge, UK
T. +44 (0) 1223881711
E. uksales@prior.com

Prior Scientific Inc Rockland, MA USA T. +1 781-878-8442 E. info@prior.com

Prior Scientific GmbH Jena, Germany
T. +49 (0) 3641675650
E. jena@prior.com

Prior Scientific KK
Tokyo, Japan
T. +81-3-5652-8831
E. info-japan@prior.com
© 2016 Prior Scientific Instruments Ltd. Specifications subject to change at any time. E \& O E.

