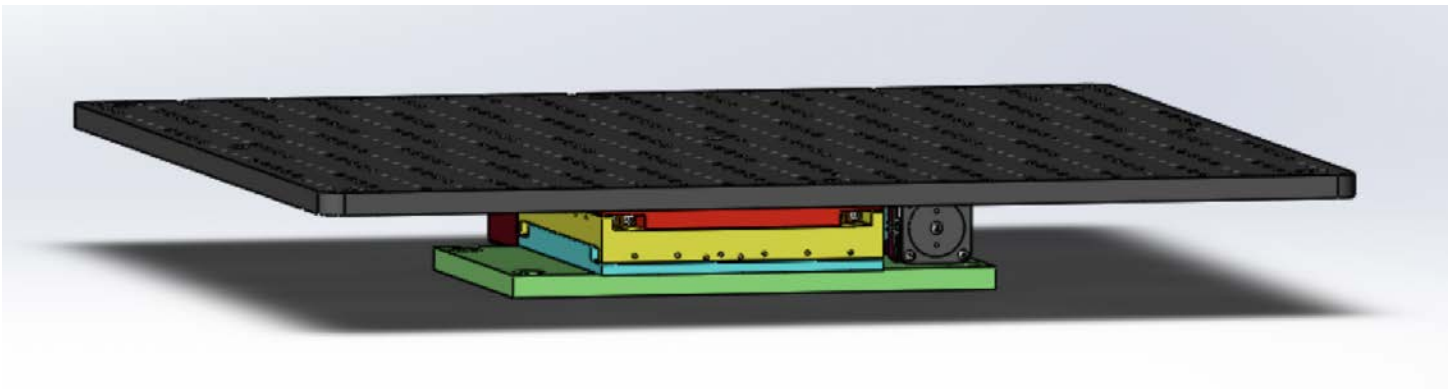


Heavy Duty Translation Stage

HT11300KT-NL



The HT11300KT-NL motorized stepper stage from Prior Scientific is ideal for automating XY travel with larger samples used in electrophysiology, multiphoton and industrial applications.

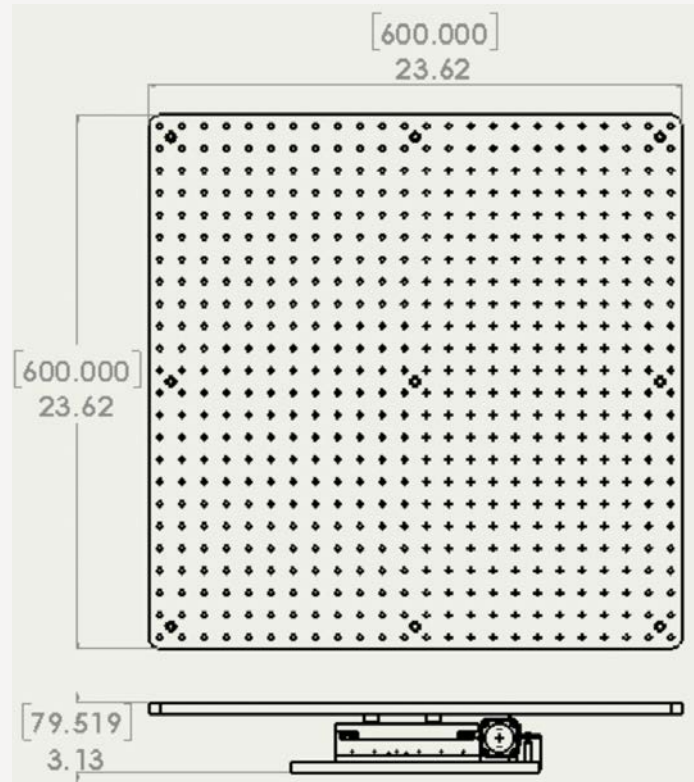
Features:

- Able to withstand loads of up to 100 kilograms without damage.
- Compatible with Prior controller options. Controlled via a joystick, USB or RS232 commands. Control can also be via compatible software in OEM systems.
- Excellent resolution of 20 nanometers, when used with a controller from Prior Scientific.
- Large range of travel (108 mm x 108 mm).
- Manufactured with precision bearings and zero backlash recirculating ball screws.
- Extremely versatile and low profile, can be used with both ¼-20 and M6 breadboards.
- Heavy duty translation stage with 600 mm x 600 mm M6 tapped breadboard top plate.
- Compatible with Neurotar's Mobile HomeCage[®] Large.

Heavy Duty Translation Stage

HT11300KT-NL

HT11300KT-NL Dimensions:



HT11300KT-NL Specifications*:

Feature	Specification
Travel Range	108 mm x 108 mm
Minimum Step Size (Resolution)	0.02 microns
Load Capacity	100 kg point load
Stepper Motor	4 phase 1 amp per phase microstepping
Limit Switches	X and Y standard
Stage Profile	Approx. 600 mm with solid plate installed

*** Specifications valid only if used with a Prior controller; and based upon the Prior method of testing.**

UNITED KINGDOM

Prior Scientific Instruments Ltd.
Units 3-4 Fielding Industrial Estate
Wilbraham Road, Fulbourn
Cambridge, CB21 5ET
United Kingdom
Email: inquiries@prior.com
Phone: +44 (0)1223 881711

U.S.A.

Prior Scientific, Inc.
80 Reservoir Park Drive
Rockland, MA. 02370
U.S.A.
Email: info@prior.com
Phone: 781.878.8442

GERMANY

Prior Scientific Instruments GmbH
Maria-Pawlowna-Str. 4
07743 Jena,
Germany
Email: jena@prior.com
Phone: +49 (0)3641 242 010

JAPAN

Prior Scientific KK
Kayabacho 3rd Nagaoka Bldg
10F, 2-7-10, Nihonbashi Kayabacho,
Chuo-Ku, Tokyo103-0025,
Japan
Email: info-japan@prior.com
Phone: 03-5652-8831

CHINA

Room 1812, Honghai Building,
72 Xingdu Street, Suzhou
Industrial Park,
Suzhou, 215000,
China
Email: info-china@prior.com
Phone: +86 (0)512 6617 5866