Micro Stages Offer Two Travel Options

Steinmeyer, Inc. announced a new high precision micro stage, the MT 196LM series. Available in two travel options, of either 100 mm or 200 mm, the MT196-100-2LM and the MT196-200-2LM is an excellent choice for applications in the semiconductor metrology, biomedical, miniature robotics and laser industry.

The MT196LM has a footprint of 110 mm x 196 mm, height of 45 mm and, depending on which stage you choose, weighs 4.1 or 4.7 kgs. Manufactured from high strength anodized aluminum, this series of table offers a positional accuracy of 2 µm (micrometer), straightness/flatness runout of +/- 5 µm for 100 mm of travel and +/- 10 µm for 200 mm of travel with repeatability of +/- 0.2 µm.

Features include: preloaded cross roller bearings, fixed stops, incremental linear encoder with 0.1 µm resolution and a linear piezo motor drive. This product can be provided as a XY stage without any adapter plate. Ultra high vacuum, clean room or non-magnetic preparation is available on request.

The Steinmeyer group is comprised of two manufacturing divisions located in Germany. August Steinmeyer GmbH & Co. KG (located in Albstadt) has been setting standards for high precision ball screws for over 40 years and prides itself on high quality, innovative designs to meet demanding customer requirements. Our Feinmess Dresden (FMD) division has been producing an extensive line of high precision positioning systems for well over 130 years.

Steinmeyer
781-273-6220; www.steinmeyer.com [1]

Source URL (retrieved on *12/28/2014 - 8:58pm*):
http://www.mdtmag.com/product-releases/2012/10/micro-stages-offer-two-travel-

options?qt-most_popular=0&qt-recent_content=0&qt-video_of_the_day=0

Links:
[1] http://www.steinmeyer.com