Goniometer Stages

Optimal Engineering Systems, Inc.

VAN NUYS, Calif. — Optimal Engineering Systems Inc. offers precision motorized goniometer stages.

The 160 × 160-mm stages feature 15° of rotation at speeds up to 10°/s, a 400:1 worm gear ratio and a resolution of 0.0005° with a 10 microstep-per-step stepper motor driver. The stages are also available with a servo motor and optical encoder. Precision worm gear and crossed roller guides provide the precision necessary for critical measurement and inspection operations.

Applications include crystallography, light measurement, surgical cutting blade measurement, microscopy, laser positioning and inspection applications.