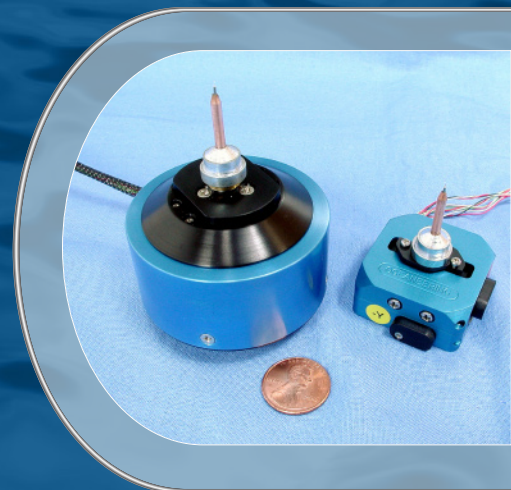


The μ-Glide are miniature, motorized translation stages with custom controllers. Both the 2 and 3-axis versions of the stage provide 6mm of travel per axis, and step resolutions of as low as 1 micron. Oceaneering Space systems developed the stages to be used as goniometer heads for crystallography diffraction. The μ-Glide is used to center crystals real time in front of an X-ray beam, remotely allowing safe optimal crystal data collection. The system is small, meeting the volume constraints of goniometers in the field. The μ-Glide controller contains a fully autonomous microprocessor that manages motion control. It is commanded using a keypad and backlit LCD as the user interface. The controller also accepts simple ASCII commands via an RS-232 link from a remote PC using our remote console application or other custom software.

Features

- 2 or 3-Axis Configuration with +/-3 mm travel per axis (6 mm total)
- Anodized aluminum shell with chamfered corners to reduce "shadowing"
- Standalone or remote operation via RS-232
- 4-line backlit LCD and 16-button keypad
- Remote console application for use with PC
- Universal pin and magnet adapters for crystallography
- Overall size of BCW Micro-Glide 2-Axis stage: 1.54 in x 1.54 in x .67 in
- Overall size of Micro-Glide 3-Axis Stage: 2.22 in diameter x 1.32 in (retracted height)
- Overall size of controller 7.5 in x 6.3 in x 2.2 in



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