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The small form-factor of our galvanometer XY sets are designed for easy integration within compact instrument designs such

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Optical scanner galvanometer controller.- doc 1 Optical scanner galvanometer controller 1. Introduction Laser beam scanning is almost ubiquitous in confocal and similar laser scanning microscopy instruments. It is most often achieved by using a pair of mirrors driven by galvanometer-type

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This scanner offers a large scan field with a galvo optical scan range of  $\pm 15^\circ$  ( $\pm 7.5^\circ$  mechanical scan range) and a resonant optical scan range of  $\pm 10^\circ$  ( $\pm 5^\circ$  mechanical

scan range). Intended for plug-and-play operation, the scan head connects to the controller using the included DB25 cable.

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Our galvanometer positioning speed comes from advanced rotor and mirror designs optimized for the highest resonant frequency. The actuator laser beam technology features extremely high torque along with very little electrical inductance, thus providing high scanner speeds at reduced power supply voltages.

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