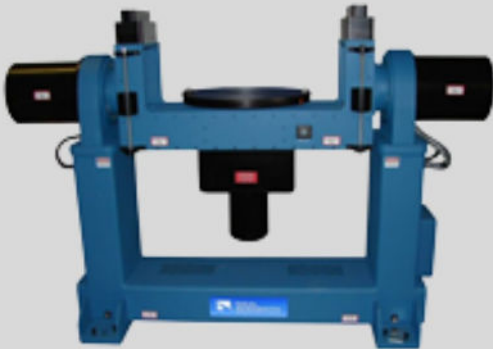


1572P SERIES TWO AXIS POSITIONING AND RATE TABLE SYSTEM



STANDARD FEATURES

- Position Accuracy:
 - Model 1572P15: ± 15 arc sec
 - Model 1572P8: ± 8 arc sec
- Rate Accuracy: $\pm 0.001\% \pm$ Resolution
- Direct-drive, DC brushless servo system
- 24-inch diameter tabletop
- Fail-safe brakes
- Available with slip ring package for unlimited rotation or a wire

AERO 4000 CONTROLLER FEATURES

- .NET interface over Ethernet
- Front panel display of status and data
- Local and remote operation
- Trapezoidal velocity profiles with programmable velocity and acceleration
- Sinusoidal motion profiles with variable amplitude and frequency
- Profile Modes for simulating complex motion

DESCRIPTION

The 1572P Series Automatic Positioning and Rate Table Systems are designed to provide precise position, rate and acceleration motion for the development and/or production testing of inertial packages and their components.

The 1572 Series test tables are servo-controlled systems that feature direct-drive DC brushless motors, precision optical encoders and a microprocessor that provides accurate and reliable motion control. The table can be operated from the AERO Controller front panel for local control or through a computer interface for remote control.

This test table system is designed for ease of operation and is programmed with the Ideal Aerosmith Table Language (ATL) for remote operation.

OPTIONS

- Integral Thermal Chamber
- Various slipring packages or wire wrap configurations
- 18 to 32-inch diameter Tabletops
- High-speed inner or outer axis
- *For special requirements, please contact Ideal Aerosmith regarding system customization*

For much more detailed information, contact Ideal to request a Specification document.

Rev D

