IDEAL AEROSMITH
Earned Expertise

Datasheet

Model 1501-24-S45
SINGLE-AXIS INDEXING TABLE

1501-24-S45 Single Axis Indexing Table

FEATURES

- Manually operated single axis positioning table
- Position Accuracy: ± 10 Arc-Sec
- Position Repeatability: ± 2 Arc-Sec
- Precision-ground anodized aluminum tabletop

DESCRIPTION

The Model 1501 Test Table is a single-axis manual positioning table used to provide positioning indexes for inertial guidance systems for the purposes of calibration and acceptance testing. The table is moved by hand to the desired position and a shot pin is engaged to hold the table's position. A bolt hole pattern is provided on the table top so that a user mounting can be fastened down easily.

OPTIONS

- Various tabletop sizes
- *For special requirements, accuracies or custom specifications, please contact Ideal Aerosmith, Inc.*

Model 1501-24-S45 Specifications

Overall Table Dimensions	24L x 24D x 32H inches (609L x 609D x 812H mm)
Approximate Table Weight	250 Lbs.
Table Characteristics: • Load Capacity • Dimensions • Surface Flatness • Material • Surface Finish • Shop Pin Location	 150 Lbs. 24 inches. (Other sizes may be available. Contact Ideal) .001 inch TIR Aluminum 32 RMS Every 45 degrees
Accuracy: • Positioning Accuracy • Repeatability	 ± 10 Arc-Sec ± 2 Arc-Sec
Coning Angle	± 10 Arc-Sec
Calibration:	Provisions are provided on the tabletop for the mounting of an opto-mechanical precision indexing instrument (optical polygon) to calibrate and verify the position accuracy of the axis.
Leveling: • Range • Resolution	 ±1 Degree Continuous
Operating Environment: • Temperature • Relative Humidity	 50º F to 95º F 5% to 85%
Color:	Mounting Surfaces: Black Anodized Base: Machine Blue Paint

For special requirements or custom specifications, contact Ideal Aerosmith
Specifications are subject to change without notice
Please call for pricing information
Revision A2