

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	150 Lbs.
Dimensions	24 inches. (Other sizes may be available. Contact Ideal)
Surface Flatness	.001 inch TIR
Material	Aluminum
Surface Finish	32 RMS
Shop Pin Location	Every 45 degrees
Accuracy:	
Positioning Accuracy	± 10 Arc-Sec
Repeatability	± 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	±1 Degree
Resolution	Continuous
Operating Environment:	
Temperature	50° F to 95° F
Relative Humidity	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

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