

## **Model 1501-24-S45 SINGLE-AXIS INDEXING TABLE**



*1501-24-S45 Single Axis Indexing Table*

### **FEATURES**

- Manually operated single axis positioning table
- Position Accuracy:  $\pm 10$  Arc-Sec
- Position Repeatability:  $\pm 2$  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

<b>Overall Table Dimensions</b>	24L x 24D x 32H inches (609L x 609D x 812H mm)
<b>Approximate Table Weight</b>	250 Lbs.
<b>Table Characteristics:</b> <ul style="list-style-type: none"> <li>• Load Capacity</li> <li>• Dimensions</li> <li>• Surface Flatness</li> <li>• Material</li> <li>• Surface Finish</li> <li>• Shop Pin Location</li> </ul>	150 Lbs. 24 inches. (Other sizes may be available. Contact Ideal) .001 inch TIR Aluminum 32 RMS Every 45 degrees
<b>Accuracy:</b> <ul style="list-style-type: none"> <li>• Positioning Accuracy</li> <li>• Repeatability</li> </ul>	± 10 Arc-Sec ± 2 Arc-Sec
<b>Coning Angle</b>	± 10 Arc-Sec
<b>Calibration:</b>	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.
<b>Leveling:</b> <ul style="list-style-type: none"> <li>• Range</li> <li>• Resolution</li> </ul>	±1 Degree Continuous
<b>Operating Environment:</b> <ul style="list-style-type: none"> <li>• Temperature</li> <li>• Relative Humidity</li> </ul>	50° F to 95° F 5% to 85%
<b>Color:</b>	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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