

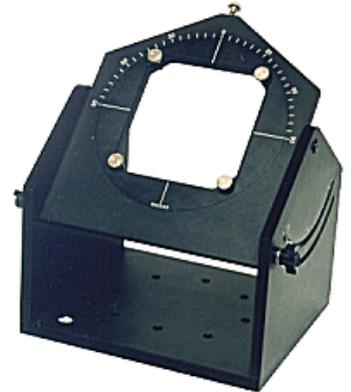
Mounting Brackets, Adapters, and Face Plates

Ideal Aerosmith manufactures a number of Brackets and Adapters for use in conjunction with our Scorsby, Manual Tilt & Turn and Rate Tables. In addition to mounting the test instrument to the table top, Brackets offer some additional features which expand the capabilities of our Test Equipment. The Face Plates are used to mount the test instruments to the Two-Axis Mounting Bracket (227650-1 & 227650-3) or Universal Mounting Bracket (223939). The Adapter Assemblies are used to mount the test instruments directly to the table top.

MOUNTING BRACKETS

Two - Axis Mounting Bracket (227650-1 & 227650-3)

This two-axis bracket attaches to our Scorsby Tables, 1270VS Rate Table (227650-605A adapter plate required), and our Manual Tilt & Turn Tables. The rotation axis has 360° of freedom, with engraved increments every 5°. For ± 90° (180° total), this axis is readable to 1°, and is readable to 5° for the remaining 180°. The tilt axis allows movement of ± 45° (± 90° for 227650-3) and is readable to 1° with the use of a vernier. The dimensions for instrument mounting are 5.188 in. H x 4.938 in. W. The adapters and face plates shown in this literature attach to this bracket to allow for mounting of various sizes of instruments.



227650-1

Rotating Bracket (228178)

This bracket is used in conjunction with our Scorsby Table and the Two-Axis Mounting Bracket (227650-1). The Rotating Bracket is first mounted on top of the Scorsby Table with the 227650-1 then mounted on the Rotating Bracket. This allows for testing with the use of an additional axis.



228178

Universal Mounting Bracket (223939)

This bracket will mount to our Scorsby Tables, 1270VS Rate Table, and Manual Tilt & Turn Tables. This bracket allows for a 360° rotation and is readable to 1°. The dimensions for instrument mounting are 5.188 in. H x 4.938 in. W. The adapters and face plates shown in this literature attach to this bracket to allow for mounting of varied sizes of instruments.



223939

Rotary Base Plate Bracket (223932)

This rotary base plate mounts to the table top of our Scorsby Table. Indents are engraved every 45°. The Two-Axis Mounting Bracket (227650-1) or the Universal Mounting Bracket (223939) can be mounted on top of this rotary base plate.

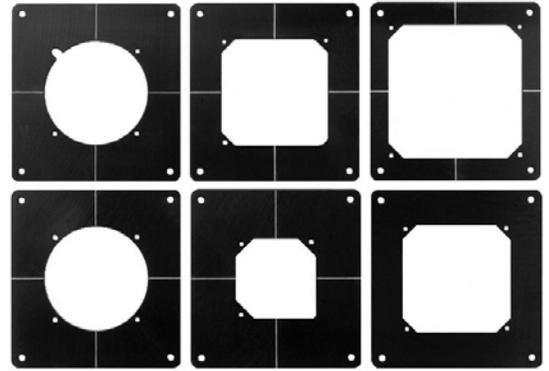


223932

ADAPTERS and FACE PLATES

Adapter Plates

Adapter Plates are used to mount various size instruments to the Two-Axis Mounting Bracket (227650-1 & 227650-3) or the Universal Mounting Bracket (223939). Ask for the Adapter Plate Data Sheet to see specific dimensions for each of the 10 available plates.



Adjustable Face Plate (223931)

This face plate assembly is used to mount instruments to the Two-Axis Mounting Bracket (227650-1) or the Universal Mounting Bracket (223939). The unit is adjustable to allow for mounting of various size face dials from 2.25 to 4.25 in.



223931

Two-Piece Adapter Plate Set (227650-801)

This two piece set mounts an instrument by "sandwiching" the instrument's bezel between the two adapter plates, which are then mounted to our Two-Axis Mounting Bracket (227650-1) or the Universal Mounting Bracket (223939). Bezel dimensions are 4.42 x 4.42 inches, instrument mounting holes are 3.858 x 3.858 inches.



227650-801

Adapter Assembly (210083-1)

This adapter assembly mounts directly to our Scorsby Table. It is used to mount gyro horizon, type MK-4 units as well as other aircraft type instruments having a similar standard case.

Adapter Assembly (210083-2)

This adapter assembly also mounts directly to our Scorsby Table. It has the same features as the 210083-1 described above, but also includes a special adapter plate for mounting type J-8 attitude gyros, Eclipse-Pioneer type 14608 attitude horizon indicators, etc.

- For special requirements or custom specifications, contact Ideal Aerosmith, Inc.
- All prices and specifications are subject to change without notice
- All prices in U.S. Dollars
- Revision E2