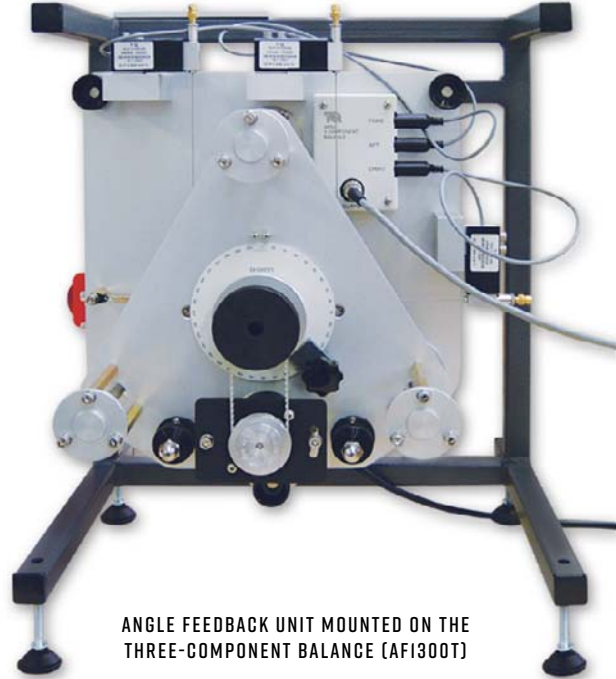
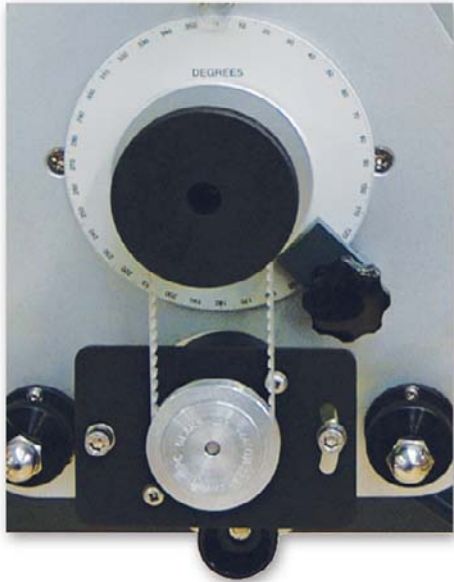




VDAS® AFA4

BALANCE ANGLE FEEDBACK UNIT

Compact instrument that fixes to the Three-Component Balance (AF1300T). It measures the angle positions of models mounted in the balance and feeds the information directly to the Versatile Data Acquisition System (VDAS®).



ANGLE FEEDBACK UNIT MOUNTED ON THE THREE-COMPONENT BALANCE (AF1300T)

DESCRIPTION

The Balance Angle Feedback Unit is an ancillary for use with TecQuipment's Three-Component Balance and VDAS® together to measure and record the angular position of models mounted on the balance in TecQuipment's subsonic wind tunnels. It is supplied as standard with AF1450T and AF1600T (included with AF1450S and AF1600S respectively). It is an optional ancillary to AF1300T itself an optional ancillary to the AF1300 wind tunnel. AFA4 mounts on the Three-Component Balance attached to the wind tunnel. It transmits the rotational angle of the model to TecQuipment's Versatile Data Acquisition System VDAS®, not included with AF1300. The angle of the model can be logged on a suitable computer (not included) along with other captured experimental data.

NOTE: the Angle Feedback Unit can only be used with the Three-Component Balance and VDAS®. The unit is supplied with an input board for VDAS®.

STANDARD FEATURES

- Supplied with comprehensive user guide
- Five-year warranty
- Made in accordance with the latest European Union directives
- An ISO 9001 certified company

ANCILLARY FOR

- Three-Component Balance (AF1300T)

OPERATING CONDITIONS:

OPERATING ENVIRONMENT:

Laboratory

STORAGE TEMPERATURE RANGE:

-25°C to +55°C (when packed for transport)

OPERATING TEMPERATURE RANGE:

+5°C to +40°C

OPERATING RELATIVE HUMIDITY RANGE:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

SPECIFICATION

TecQuipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

DIMENSIONS: Packed for export: 0.005 m³

WEIGHT: Packed for export: 1 kg

RESOLUTION: 0.1 degrees