



AF1300 DEFLEX[®] CAMERA MOUNT

AF1300DCS

A simple mount that allows the Deflex[®] camera unit to be used with the AF1300 wind tunnel.

KEY FEATURES

- Allows Deflex[®]-3D measurements to be performed on TecQuipment's AF1300 Subsonic wind tunnel.
- Robust solid fabricated steel frame that sits firmly above the AF1300 wind tunnel.
- Allows camera to be held at the ideal distance for performing Deflex[®] measurements.
- Vibration dampers that allow reliable high-resolution strain and deflection data to be taken
- Standard M6 fixings for simple setup of Deflex[®]-3D camera system.

DESCRIPTION

A simple fabricated steel frame that allows Deflex[®] measurements to be taken with the AF1300 Subsonic wind tunnel specimens. Setup is simple, the mount clamps securely to the top edges of the AF1300 working section, keeping the Deflex[®]-3D camera at the optimal distance for measurement. Two M6 fixings are used to attach the camera to the mount.

The clamps feature vibration dampers that minimise unwanted movements of the camera which would otherwise reduce the quality of DIC measurements.

STANDARD FEATURES

- Five-year warranty
- Made in accordance with the latest European Union directives
- ISO9001 certified manufacturer

WHAT'S INCLUDED

- DCS stand x1
- Clamps and screws to secure mount to wind tunnel
- Comprehensive User guide

ESSENTIAL BASE UNIT

- Subsonic Wind Tunnel (AF1300/AF1300s)
- Deflex[®]-3D

OPTIONAL MODULES

- AF1300d3 Helicopter Blades (AF1300d3)
- AF1300I2 Swept Wing (AF1300I2)



*SHOWN WITH THE DEFLEX[®]-3D UNIT
AVAILABLE TO PURCHASE SEPARATELY

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

NET DIMENSIONS:

Width 305mm, height 430mm, depth 370.

Weight 2.48kg

STORAGE TEMPERATURE RANGE:

+5°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

SOUND LEVEL:

<70 dB(A)

