



Photo shows P3262e attached to P3271 aerofoil removed from wind tunnel for clarity

P3262

TWO COMPONENT BALANCE

FEATURES

- ◆ Independent measurement of lift and drag by balance beam method
- ◆ Accurate force measurement provided by use of weights for mechanical product P3262 or by
- ◆ Optional analogue load cells providing 0 to 10 Volt output, suitable for use with Cussons Data Acquisition systems for electronic product P3262e

EXPERIMENTS

- ◆ Lift and Drag Force by direct measurement
- ◆ Lift and Drag coefficients and Lift Drag ratio

DESCRIPTION

Cussons two component balance features a simple lever system employing a vertical balance beam with two roller bearing gimbals to provide independent measurement of lift and drag forces. The P3262 uses mechanical weights and the P3262e uses load cells for electronic product.

TENDER SPECIFICATION

Designed to measure horizontal forces in two planes and is particularly convenient for use with P3260 Two Dimensional Wind Tunnel, in order to measure, lift and drag forces on aerofoil sections and a variety of models.

Adjustable balance weights for free and easy movement of unit, allows zeroing adjustments to be made to balances. Lift and drag can be measured directly.