

## Rigtune GP



display

deflection pointer

end stop

clamp handle



notched end support

## **Rigtune GP**

The Rigtune GP is designed to accurately measure the force in a section of wire or rod of between Ø6 and Ø12mm. The load on the wire/rod is displayed directly in tonnes, on the integral display, without the need of lookup tables or adjustments.

### ***Operation:***

Switch ON and position the wire under test between the notched end supports.

Apply a deflection to the wire, using the clamp handle, until the deflection pointer indicates centre zero.

Adjust the end stop until the clamp handle remains closed.

The load in the wire is displayed directly in tonnes.

Once the end stop is set the unit can be used to take repeat readings of the same size of wire without reference to the deflection pointer.

### ***Provisional Specification:***

Battery operation PP3, 9V user replaceable

Unit automatically switches off after 2 minutes – press ON to resume

Display resolution 10Kg

Wire stiffness compensation – the geometry of the deflection sensing wheel is designed to compensate for increase in stiffness when measuring larger diameter wires. The result is to provide accurate results throughout a range of wire diameters.

Display accuracy throughout wire size range +/-2.0% of full range

Repeatability error <1.0 % of full range