



**HYDRAJAWS<sup>®</sup>**  
LIMITED

**Model 2000 Tester**

# Material Bond Tester Kit

The bonding strengths of a wide and varied range of materials including concrete, screeds, repair mortars, epoxy resin coatings, laminates, plastics, paints and enamels may be accurately determined using the Hydrajaws Material Bond Tester.

Adequate direct tensile strength or bonding strength between two layers is important if repairs to concrete structures or additional overlays and screeding on existing concrete is to be structurally sound.

The pull-off test as a means of projecting the compressive strength of concrete and other materials involves bonding a circular steel disc to the surface by means of an epoxy resin adhesive.

A controlled tensile force is then applied to the disc, and as the strength of the bond is greater than that of the material under stress it will eventually fail in tension. From the area of the disc and the force applied at failure it is possible to calculate a nominal tensile strength for the material.



## Kit Contents

- Model 2000 Medium Duty Tester featuring 50mm of Stroke
- 25kN Gauge (or own choice from 5, 10, 15 or 20)\*
- 10 x 50mm Steel Bond Discs
- 10 x 75mm Steel Bond Discs
- Bond Test Stool
- Bond Plug
- 22mm Operating Nut
- 22mm Operating Spanner
- 6mm Long series Allen Key
- Allen Key
- Carry Case with Filler
- Operating Instructions
- Calibration Certificate



\* All export kits are fitted with a hydraulic tester body coupler, gauge couplers and an oil bottle with coupler.



The kit is supplied in a foam filled carrying case with full operating instructions and a 1 year calibration certificate.



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