

TITAN

UNIVERSAL STRENGTH TESTER

TITAN⁴ IS AN OUTSTANDING, FOURTH GENERATION TENSILE TESTER, DESIGNED SPECIFICALLY FOR TESTING TEXTILES, NONWOVENS AND LEATHER, YARNS, FABRICS, GARMENTS AND SECURITY OF ATTACHMENTS. TITAN⁴ OPERATES IN BOTH TENSION AND COMPRESSION AND, ALTHOUGH IT HAS A TEXTILE AND LEATHER FOCUS, IT IS EASILY ADAPTED FOR TESTING OTHER SUBSTRATES LIKE PAPER OR PLASTICS. INNOVATIVE ENGINEERING AND INTUITIVE UNDERSTANDING OF YOUR NEEDS ARE COMBINED TO PRODUCE AN AESTHETICALLY PLEASING AND ERGONOMIC INSTRUMENT, WITH INTELLIGENT, EASY-TO-USE TestWise SOFTWARE, AN EXTENSIVE RANGE OF SPECIMEN GRIPS AND A COMPREHENSIVE LIBRARY OF INTERNATIONAL STANDARDS AND RETAILERS' OWN TEST METHODS.



KEY FEATURES OF TestWise SOFTWARE

- Windows layout and feel and familiar technical terms
- Single Software Package for yarn, leather, fabric and nonwovens: strength, seam slippage, security of attachments, button strength, pile loop extraction, tear strength, peel bond (delamination), stretch and recovery (cyclic), ball burst, puncture and crushing
- Extensive library of pre-loaded, national and international standards and of retailers' test methods
- Fully featured 'Standards Editor' making it easy to modify existing standards or create new methods
- Automatic setting of test parameters (including gauge length) after selection of required standard or method
- Just 'Three Clicks' to start testing!



KEY FEATURES OF TITAN⁴

- Compact, desk top, standards-compliant Universal Strength Tester
- Operates (as standard) in both tension and compression
- Extensive range of tool-free, interchangeable specimen grips
- Software driven digital pressure control of grips – initial soft closure to avoid trapping fingers
- Choice of three load cells - up to 3000N (approx 300kg) - cells supplied in cartridge form to improve protection and to facilitate handling
- Incorporates advanced electrical protection to safeguard against power surges and interruptions



T17 JAW

JAMES HEAL TECHNICAL ASSISTANCE

- Operator Training
- Knowledge Transfer
- TestWise Software *On-Line* Maintenance and User Support
- Engineering Support



LOAD CELL

JAMES HEAL SERVICE AND CALIBRATION

- Worldwide Service
- UKAS (ISO 17025) Calibration Service (tension and/or compression)



REQUIRED SPACE

Height: 1310mm
Width: 1500mm
Depth: 650mm