

ElmaTear

Intelligent Digital Tear Tester

A versatile and intelligent instrument to test the tear strength of woven, non-woven, paper and plastic products.



For markets as diverse as paper, plastic, nonwoven and textiles, ElmaTear is the only software driven Electronic Elmendorf tester that offers ¼ A to E pendulums. This allows laboratories to increase their range of testing and attract additional business revenue.



KEY BENEFITS

RANGE OF WEIGHTS

Two additional weights have been added to ElmaTear making it suitable for testing lighter specimen such as paper, film, non-wovens and plastic. An optional weight E, for testing to 128N, can also be ordered.

PRE-LOADED STANDARDS

An extensive list of pre-loaded standards, organised by sample type, are pre-defined within the instrument. There is the option to amend these and create new ones.

7" CAPACITIVE TOUCH SCREEN

The introduction of this clear and uncluttered display makes the ElmaTear fast and responsive. It is easy to navigate, contributing to an intuitive experience for first time users.

DETAILED ON-SCREEN REPORTING

The comprehensive reporting function means that the length and width results from the same specimen can be seen at the same time.

INTELLIGENT TEAR TESTING

User error is kept to a minimum as the intelligent ElmaTear provides guidance and warnings.

SELF VERIFICATION IN 1 SWING

The ElmaTear performs pendulum self-verification in one swing, a significant reduction in time on the previous model and other similar products in the market.

Dimensions (mm)

Height: 634
Width: 365
Depth: 617

Weight (kg)

60.0

TESTWISE FOR ELMATEAR

TestWise packages results which can be transferred to a PC. It allows results to be easily analysed, presenting them in a table and as a bar graph. They can then be saved, printed or saved to PDF.

COMPREHENSIVE SAFETY FEATURES

A two hand release mechanism ensures the user is clear of the pendulum swing, and the blade is covered by a safety guard to prevent accidents.

INVESTMENT IN BLADE TECHNOLOGY

An investment in blade technology has increased the efficiency of the ElmaTear blade. It provides more accurate cutting, increased wear resistance and a longer life span.

OPTION TO RETEST

The user can review and delete individual results and add in additional specimens, solving the problem of outlying results in an efficient manner.

PROTECTIVE MAT

A protective mat around the base of the instrument protects it from laboratory wear and tear. This keeps the instrument in good condition, increasing=

CONTACT US

For more information

email: sales@james-heal.co.uk
tel: +44 (0) 1422 366 355
web: www.james-heal.co.uk/en/elmatear