

# AU - 1005 E Electronic Tissue Tensile Tester (Single Column)



*A fast, accurate and easy instrument for providing rapid and efficient determination of tensile strength and stretch of tissue and other soft material.*

*The instrument is equipped with soft clamps which prevents test pieces from slipping or tearing during measurements. The clamps grip the test piece without any damage for accurate elongation measurements. The right clamp starts moving at a specified or variable velocity and the internal electronics registers the peak hold values after the rupture of the specimen.*

## SPECIFICATIONS

<b>Measuring Range</b>	: 0-19.999 newton or 0-2 kg. OR 0-1.999 newton or 0-200 gm
<b>Elongation</b>	: 0-150 mm with 0.1 mm
<b>Display</b>	: Digital with peak hold for load and elongation.
<b>Clamping width</b>	: 25 mm aluminium anodized clamp with non slip grip.
<b>Clamping length</b>	: 100 mm and adjustable in three position 100, 150, 180 mm
<b>Grips</b>	: Manual clamping.
<b>Jaw separation</b>	: 0 - 150 mm.
<b>Cross head speed</b>	: Fixed and variable straining speed through calibrated potentiometer. Fast return of at maximum speed.
<b>Accuracy</b>	: $\pm 1\%$ of reading down to 10% of the load cell capacity
<b>Computer output</b>	: Not available.

Cast aluminium body.

Loadcell overload protection preset to stop motor at 120% overload.

Strain, Stop and return panel controls.

### Option

Precision test strip cutter for cutting width 25x300 mm.

Calibrated check weights

### Applicable Standards

ISO 1924/2, SCAN P38, TAPPI T 494, CPPAD 34

### Changes:

UEC products undergo continuous development. The technical data in this catalogue are therefore subject to change