



Muromachi Bone Strength Tester TK-252C has been designed for the precise measurement of the bone strength of the rats or mice. It is a space-efficient desk top model that has not ever commercially been available.

Three types of tests----- 1) Bending 2) Torsion 3) Compressing of Lumber Vertebrae can be performed with the standard system just by replacing sensors and sample holders.

The information on the measurement can be entered by the keyboard of the Controller and the test results will be graphically displayed on the screen of the Controller and then printed out by the built-in rapid thermal printer.

In the torsion test, on top of normal operation, the operator can preset an extra weight ranging from 10 grams to 490 grams by 10 grams steps against the sample.

RS232C interface is provided on the rear panel of the Controller so that the data obtained can be transferred to a personal computer and stored as a CSV file. Data Collection Software DCS-252C is supplied with the instrument as standards.

The operation is quite simple and so even personnel not experienced in this test can use it with ease.

#### Specification

Model		TK-252C
Load Cell		500N
Strain Gauge		100Ncm
Chart Paper		Thermo-sensitive 58 mm Wide x 25 m Long
Printer Output		Date (2010-10-30)Time (10:30:00)Test No (1234567) Speed (mm/min) Max. Breaking Strength (N) Distance (mm) sample no (1234567) breaking energy (mj) stiffness (N/mm) (Ncm/r)
Display	CRT	Monochromatic with Brightness & Contrast Control
	Screen Size	9 inch
Tester	Dimensions	180W x 145D x 370 mm H
	Weight	Approx. 10 kg
Controller	Dimension	400W x 380D x 240 mm H