

VALENDOR TENSILE TESTING MACHINE

FOR TENSILE TESTING OF CONDOMS OR DUMBELL TEST SAMPLES OF GLOVES

A high-performance bench mounted tensile testing machine adjusted to testing of ring samples of condoms or gloves.

The software is running on the included laptop, for easy handling of data.

High accuracy load measurement better than 0,5% of full scale and microprocessor control provides optimum accuracy and resolution.

Specifications

Range:	225 mm
Extension resolution:	0.1 mm
Height:	1100 mm
Width:	460 mm
Weight:	35 kg

Technical Specification

Load Cell:	500 N
Force Accuracy (system):	Exceeds the requirements of BSEN ISO 7500-1: 1999 Class 0,5, ASTM E4, IN 1221. Actual performance of 500N load cell: better than 0,5%
Load Resolution:	Maximum resolution better than 0,01% of load cell rating
Crosshead Position:	1-700mm
Extension Resolution:	<0.1 microns
Crosshead Speed:	500 mm/min
Speed Accuracy:	Better than 0,2% (steady state)
Data Outputs:	DIGITAL: USB
Supply Voltage:	230V A/C 50Hz Fuse 5A (T)

Accessories

Roller Grips for testing of ring samples of condoms
Flat Grips for dumbbell test specimens

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VALENDOR reserves the right to modify this specification in part or as a whole

