

Tensile Strength  
Tester

*Technical Specifications*

- 1 gram accuracy
- Ability to select units of power
- Has an application under Windows xp.7
- With speed controller, power location
- Draw a displacement curve - Sample number
- Draw a strain-stress curve-displacement force
- The ability to measure the length of the thread up to 200%
- The ability to measure yarn strength up to 20 kg
- Ability to resize the frame to the original
- Save and print calculations and test results
- Ability to set up and control the speed, force and displacement of the force frame



*Advantages*

As the basic fiber makes up the production of a variety of fabrics, it is essential that the strength and length of the threads be monitored through a robustness testing system to ensure that today's fast manufacturing techniques are suitable And its performance complies with the product requirements. To ensure a high level of precision and repeatability, we recommend using a strength gauge system specifically for exact yarn testing.

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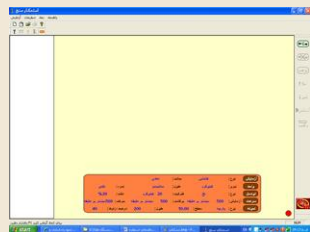
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Tensile Strength  
Tester



*Strangth Tester Software*

The robustness test program is based on the capabilities of 7, xp the standardized national standards, including tensile strength, elongation and stiffness among others with graphic displays, reports, archival analysis and print reports..



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model TST97	131Cm	67Cm	47Cm	45Kg	220V	50Hz

*Model*

- Strength Tester (20 kg), with computer, LCD19, and Persian software
- Strength gauge (20 kg) with the ability to connect to the computer

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Electronic Single  
Fiber strength  
Tester

*Technical Specifications*

- LCD screen
- Maximum length 150 mm
- Maximum test CN1000-100
- Accuracy of measuring the load 0.02 (F.S)
- Precision measuring 0.01 mm
- Test speed of the machine 100mm per minute
- Measurement of force in N, kgf, ib, in, CN
- Machine speed up to 199 mm / ~ 1 (adjustable)



*Advantages*

The strength gauge is suitable for measuring strength and length of cotton, wool, silk, filament and metal fibers.

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model ESFST97	60Cm	40Cm	55Cm	35Kg	220V	50Hz

Universal Tensile  
Strength Tester



**Technical Specifications**

- 0.01 mm accuracy
- Power accuracy of 0.1 g
- HMI screen
- PID control system
- Usability for a variety of fabrics and yarns
- Adjustable speed of 500-10 mm / min
- The ability to measure up to 500 kg
- Ability to replace jaw types for various uses
- Ability to plot multiple curves simultaneously for comparison
- The ability to extend special tests such as bending, hardness, friction coefficient
- Ability to extend the test in tensile, compressive, repetitive and step-by-step



**Physical Specifications**

Size	Length	width	Height	Weight	Electricity	Ferquency
UTST97	133Cm	64Cm	58Cm	75Kg	220V	50Hz

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Termotest

*Technical Specifications*

- The ability to heat up to 300 ° C
- Digital temperature control system
- Ability to control the temperature increase rate
- Proportional weight gain
- Has a time-setting system



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model TE97	30Cm	25Cm	35Cm	4Kg	220V	50Hz

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Static Loading  
Machine

*Technical Specifications*

- Ability to apply 700 kPa
- With a surface area of 2400 mm
- Have a motorcycle of 0-25 millimeters
- Usability for any type of flooring

*Advantages*

The static loader measures the rate of reduction in the thickness of the floor under the influence of constant load, light weight and short-term (such as the effect of the seat base), as well as heavy and long-term load. These methods apply to all textile floor coverings that have a uniform thickness and structure, and in the case of other floorings, if the surface of the parts having a different texture or thickness is sufficient to be individually spaced Test.

*Physical Specifications*

Size	Length	width	Height	Weight
Model SLM97	50Cm	21Cm	30Cm	15Kg

Dynamic Loading  
Machine

*Technical Specifications*

- Has a protective frame
- Ability to apply a blow to 1000 strokes
- Usability for any type of flooring
- In accordance with standard number Bs 4052, iso 2094
- Digital LCD display and flat keyboard



*Advantages*

The dynamic loader device can measure the amount of carpet thickness under moving load. This method is applicable to all floors with a uniform level in terms of height and density. This method is not applicable to other textile floorboards, except where the surfaces with Different thicknesses and densities are tested separately.

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model DLM97	60Cm	43Cm	38Cm	40Kg	220V	50Hz



Laboratory Bobbin  
Yarn Dyeing  
Machine

*Technical Specifications*

- Ability to circulate material inside and outside the house
- Has the ability to display the color chart during the test
- Has scheduling capability based on color chart
- Ability to dye a 1.5-pound bobbin
- The ability to increase the temperature to 130 degrees
- Smart PID control, temperature
- Has a water cooling system
- Has a touchscreen
- Has a washing system



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model LBYDM97	90Cm	80Cm	150Cm	80Kg	220V	50Hz

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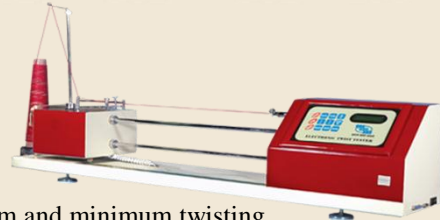
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Electronic Twist  
Tester



**Physical Specifications**

- Ability to compute mean, CV%, maximum and minimum twisting
- Digital LCD display and flat keyboard
- The ability to measure single-layer and multi-layer threads
- The ability to measure different yarn lengths
- Has memory to record test results
- Ability to adjust the speed and direction of Z, S
- Connectivity to printer and computer

**Advantages**

The electron microscope is made in accordance with national and international standards. The gauge software supports both twist methods. In addition, the report software can calculate the average, standard deviation, maximum and minimum.

The electronic timer is a motor drive unit that includes a dowel clamp: a clamp for measuring the length of the sample is adjustable before and during the test, and the second clamp changes both in order to measure the count.

**Physical Specifications**

Size	Length	width	Height	Weight	Electricity	Ferquency
Model ETT97	118Cm	28Cm	32Cm	24Kg	220V	50Hz

**model**

- Electronic Twist Tester with Maker and Presser and LCD Display
- Electronic Twist Tester with dictator and receiver, LCD monitor, and attachment to the printer.

Electronic Yarn  
Examining Machine

*Physical Specification*

- Has LCD display
- Ability to use for a variety of threads
- Automatic yarn density adjustment
- Has an adjustable yarn stretch system
- Automatic return for retesting



*Advantages*

This device is used to display the imperfections of the yarn on a panel.

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency	Power
Model EYEM97	106cm	40cm	37cm	22kg	220v	50hz	3000w

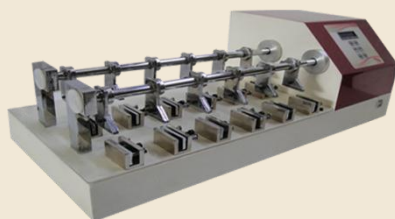
*Model*

- Electronic screwdriver with micr and presser and LCD display

Flexometer

**Physical Specification**

- Has 12 springs
- Ability to stop while working
- Speed control • Have a digital counter
- Has LCD display • Ability to control the initial position
- Ability to stop after completion of the test



**Advantages**

The skin flexure test is designed to be perfectly designed to provide certain flexural movements and certain special cycles, resistance to skin irritation and drying of leather and leather coatings. This device is designed for conventional simulations that cause damage. Skins, such as shadow changes, cracking, loss of adhesion, powdering, scaling, etc., are used. Flexible hinges with a thickness of less than 3 mm.

**Physical Specifications**

Size	Length	width	Height	Weight	Electricity	Ferquenc y	Location	Sanple measure	Measur e angle
Model FL97	50cm	40cm	40cm	30kg	220v	100cpm	12seats	70*45	22 <sup>0</sup> 30

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Crockmeter

*Physical Specification*

- Ability to perform wet rubbing test
- Has the ability to do the test manually
- Ability to apply different forces
- Contains fabric holder



*Advantages*

Crick metere apparatus for evaluating the resistance of textile products to any and all forms, including flooring and other fluffy textiles, due to rubbing and staining of textile products.

The device is designed to be used in two different size fingers, one for fluffy textiles and one for other plain textiles or large print designs.

*Physical Specifications*

Size	Length	width	Height	Weight
SM97	40cm	15cm	25cm	2kg

Automatic  
Crockmeter

*Physical Specification*

- Ability to perform wet and dry rubbing tests
- Has the ability to perform the test automatically
- Ability to apply different forces
- Digital display
- Has a holder frame



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model ACM97	40Cm	35Cm	28Cm	22Kg	220V	50Hz

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Xenon Test  
Chambers



**Physical Specification**

- Programmability
- Has a touch keyboard
- HMI 7in display
- Includes temperature graph display and moisture graph
- 1000 watt original xenon lamp Japan original
- Ability to rotate the round and round dial
- Intelligent temperature control and humidity control via PID
- Eighteen months warranty and 10 years after-sales service



**Advantages**

This device is designed to determine the color stability of textile products of any kind and form against the source of the sunshine, which is the same as the normal daylight (D65 light).

This device can be used to determine the color stability of white textile products (bleached or bleached).

**Physical Specifications**

Size	Length	width	Height	Weight	Electricity	Ferquency
Model XTC97	60cm	50cm	70cm	60kg	220v	50Hz

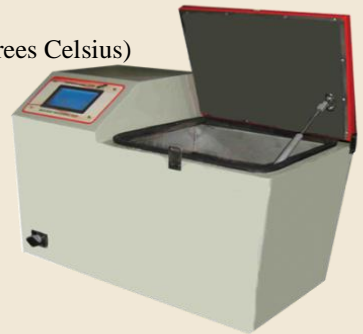
**Model**

- 1000 Xnon Test Chambers with main xenon lamp with temperature and humidity control and sample rotation

Textile Dry  
Cleaning Fastness  
Test Machine

*Physical Specification*

- It has a temperature control system (20-80 degrees Celsius)
- Usability up to 12 tanks of 150 cc
- Has a graphical display
- Has a touch keyboard
- Programmability
- Controller time
- Accuracy (0.2) degrees



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model	70Cm	50Cm	60Cm	30Kg	220V	50Hz
TDCFTM97						

*Model*

- Laboratory Dyeing Machine and LCD display and touchscreen keyboard with 150cc four-chamber



Temperature & Humidity Chamber



*Physical Specification*

- Air circulation fan
- Cold system
- Has a heat sink system
- Have a temperature control system
- Humidity control system
- Humidity ordering ability of 5% to 99%
- The ability to order a temperature of 20 to 120 degrees centigrade



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model THC97	80Cm	55Cm	70Cm	55Kg	220V	50Hz

*Model*

- Temperature & humidity Chamber with temperature control (5-56 cc) and humidity (98-10) isolated, digital with smart touch screen

**Physical Specification**

- According to standard 11159-8332 and plastic 19026-14980
- Usability for leather, wood, metal and plastic
- Ability to set the number to 1-9999
- Ability to change the force of the abrasive
- Sucker height setting
- Constant speed
- Has a digital counter
- Abstraction Ability
- Suction tube



**Advantages**

The tool is used to evaluate the physical properties of wood, metal and plastic leather. This display device can provide solutions to measure damage resistance and flexibility and flexural stiffness.

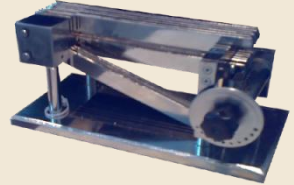
**Physical Specifications**

Size	Length	width	Height	Weight	Electricity	Ferquency
Model	45Cm	30Cm	35Cm	30Kg	220V	50Hz
ETAB97						

Comb Sorter

*Physical Specification*

- Has two models for wool and cotton fibers
- Needle density 20 and 13 pcs. In cm



*Advantages*

The dividing shoulders are used to make cotton and wool fibers in the form of parallel strands. This machine consists of a number of fine shoulders that are placed at distinct intervals (depending on the length of the fibers, short or long) and Hold the fibers directly.

The shoulders are used to parallelize the fibers from the lump and together and also to put the fibers together so that all of them are all along the straight line.

*Physical Specifications*

Size	Length	width	Height	Weight
Model CBS97	29Cm	22Cm	14Cm	5Kg

Thickness Gauge

*Physical Specification*

- Ability to measure the thickness of any type of fabric and floor
- The ability to measure thickness under various pressures
- Two cycles of 25-25 m
- Accuracy 0.01 and 0.001 mm
- The ability to apply a pressure of 20-200g / cm<sup>2</sup>
- It has two analog and digital modes
- Has different surface area



*Advantages*

The thickness gauge is not applicable to non-woven fabrics, zeotexyls and coated fabrics, each of which has a specific standard in this field.

The purpose of measuring the textiles of textile, flooring, and surgical yarn is usually. The thickness measured under the pressure of the standard is measured on a specific area. This pressure is applied through a circular plate. The table shows the area of the pedals of the device with the applicable standard pressure. Has been.

	A	B	C	D
Area(mm <sup>2</sup> )	100	330	1000	2000
Pressure(kpa)	5	2	1	1

Thickness Gauge

*Physical Specifications*

Size	Length	width	Height	The battery	screen	Course	Operating temperature
Model TG92	25cm	20cm	24cm	3v cr2032	0.01mm 0.001mm	25mm	0-40 c <sup>0</sup>

*Model*

- Thickness gauge with a diameter of 0.01 mm with a course of 25 mm
- Thickness meter with a diameter of 0.001 mm with a 25 mm curve

Electronic Silver &  
Rving Reel

*Physical Specification*

- Ability to measure the wicket and the yarn segment
- Screen and flat keyboard
- Increasing and decreasing counters
- With sharpening scissors
- Has a counter with a diameter of 1 mm
- Has a digital counter
- Speed control
- DC motor



*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model ESRR97	60Cm	40Cm	45Cm	42Kg	220V	50Hz

Light Cabinet

*Physical Specificatio*

- Energy saving
- No heat, no vibration
- Lamp lifetime display
- Fast and reliable color evaluation
- Includes D65, TL83, TL84, UV, F lamps
- Suitable for paint, textile, rubber, ceramic, leather
- In accordance with the standards: Iso Din Bsi Ansicie, Astmd1729 Saej361, Tappi7515, Bs950, As1580.6001.1



*Advantages*

The color assessment cabinet is the perfect alternative to creating natural light. The D65 lamp is the most light-colored daylight. This device is suitable for all industries that need to recognize the color within 24 hours of the day. For example: textile, automotive, cosmetics, dyeing, food, shoes, furniture, ink, knitwear, leather, ophthalmology, printing and packaging ..... Size Length Width Height Weight Frequency Model LC97 55cm 71cm 56cm 18kg 220v 50Hz The device consists of 20 watt 60 cm lamps. D65, TL84, CWF TL83, UV, ...

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model LC97	55Cm	71Cm	56Cm	18Kg	220V	50Hz

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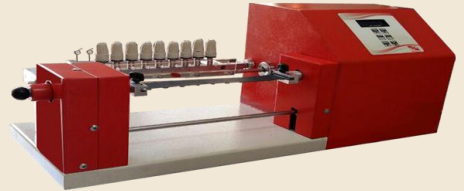
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Coloured Yarn  
Sample Winder

*Physical Specification*

- Has a yarn density setting
- Has a thread count counter
- Coil threading capacity of 9 threads
- Adjustable stretch system
- Suitable for cards with dimensions (40 \* 267) mm



*Advantages*

Coloured Yarn Sample Winder simultaneously combines 9 threads with different colors on a card.  
This machine can be used for any thread and score.

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model CYSW97	74Cm	28Cm	31Cm	25Kg	220V	50Hz

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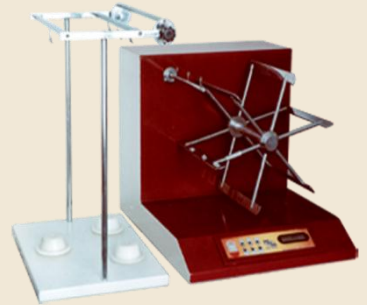
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Electronic Wrap  
Reel

*Physical Specification*

- Have shelves
- It has a regular 5-thread sweep
- Adjustable counter
- Ability to connect to A & D balance
- Length of thread measurement in meters
- Ability to calculate the average, maximum, minimum and maximum thread
- Digital LCD display and flat keyboard
- Ability to calculate Yarn score according to Denyrmetric, English-Wax and ...



*Advantages*

In the spinning towels, a yarn is measured at the base of the yarn for measuring the yarn score and, after weighing, according to the scoring system, calculates the yarn score.

Specifically, the measurement error of the length of the thread makes it impossible to accurately calculate the yarn score. To obtain the exact length of the yarn, the coil is used. This meter measures the required yarn length with the least error, based on the meter. This device has a memory to adjust the required length of time. It also has a movable jaw, which makes it easier to bring the coil.

**Electronic Wrap  
Reel***Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model EWR97	64Cm	61Cm	51Cm	30Kg	220V	50Hz

*Model*

- Electronic Wrap Reel with microprocessor and LCD display with shelf
- Electronic Wrap Reel electronic bolt with microprocessor and connectivity to the scales and calculates yarn score in all common units.

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Fabric Sample  
Cutter

*Physical Specification*

- German cutter blade
- Easy blade replacement
- Adjustable depth of cut
- Ability to use any type of blade
- Cutting capacity up to 4mm
- Cutting capacity of 100 centimeters
- Ability to cut any type of fabric, carpet, carpet
- Has 8 or 4 razor blades for better fabric cutting



*Advantages*

The brush removes samples of about 100 centimeters. This machine, in addition to its fabric, can cut hard materials such as paper, carpet carpets, cartoons, blankets, artificial leather and ....

The cut or foam pad under the cutting is made of porous rubber, which allows the sample to be cut to the base with complete safety. It can also be cut to a thickness of 4 millimeters.

*Physical Specifications*

Size	Diameter	Height	Weight
Model FSC97	16cm	20cm	3kg

*Model*

- Fabric Sample Cutter, cut 8 teflon bearings - Rounded with rubber
- Fabric Sample Cutter 4 blades with adjustable depth of cut

Martindel  
Electronic

*Physical Specification*

- 4 seats
- Has LCD display
- Container hinges for each
- With jaws for wear and tear
- Two courses for wear and tear
- Ability to perform abrasive testing of textile materials in accordance with standard 1521-1, 1521-2, 1521-3, 1521-4



*Advantages*

Martindel with a beautiful appearance gives a stylish look to your lab. The martinel machine is used to test many different materials, including woven fabrics, nonwovens, non-woven fabrics, socks, gloves, carpets, leather, wood, high pressure laminates, surfaces Dyed for many other applications (dry or wet). It also has 4 seats, each with a contiguous one.

*Physical Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model MAE97	60cm	50cm	25cm	40Kg	220V	50Hz

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Tuft Withdrawal  
Tensometer

*Physical Specification*

- The ability to measure the force of extraction in Newtons
- LCD screen and flat keyboard
- Ability to compute mean, maximum, minimum force
- Ability to save test results
- Engines to move the clamp
- Ability to calibrate the device



*Advantages*

The device is equipped with a device for holding the test piece which can be flattened and perpendicularly to the device plate flattened or perpendicular to the stretch of the pendant or retaining ring, with a flat and horizontal plate holder, with a dimension of 60 x 60 mm, on which a circle in the radius 12 mm is inserted to be tested in conjunction with the test piece to prevent the movement of the test piece in a circular shape. In addition to the circular shape, the cavity is also embedded on the retaining plate to install the test piece attached to the pegs or ring hooks Easier to do. The tensile strength measuring device is equipped with a device (such as a surgical tweezers) to select and capture a tufted end of the tufts. These clips are mounted on the jaw of the device.

*Physical*

*Specifications*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model TWT97	35cm	20cm	40cm	10kg	220v	50Hz

Laboratory Dyeing Machine

*Physical Specification*

- Ability to schedule coloring up to 15 steps
- Heating capability with graysin or infrared
- Up to 12 tank capacity of 150cc
- Ability to display the dyeing chart
- Ability to save dyeing chart
- Has a cooling system
- Have a temperature control system
- Touch screen
- Controller time
- All steel



*Advantages*

Size	Length	width	Height	Weight	Electricity	Ferquency
Model LDM97	70Cm	50Cm	60cm	30Kg	220V	50Hz

**مدل**

8-D stainless steel stainless steel washing machine with intelligent touch screen with PID controller with up to 12 capsule capability