



Summer

Summer[®]



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Measuring / Measuring Thickness



Measurer of thickness

Model: 3961

Measurer of thickness for fast measurement of the thickness in leather, felt, fabric and meshes.



Measurer of thickness DMD 820 V

Model: 3962

Measurer of thickness DMD 820V for bonded fabrics.

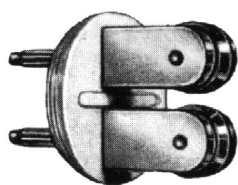
Measuring / Hygrometer



Electrode Socket

Model: 9845

Universal Electrode Socket, 150 x 45 mm.



Grooved Roller Electrode

Model: 9869

Only in connection with special cable 9846 and universal electrode socket 9845.

Grooved Roller Electrode, 65 x 40 mm dia for hanks or threads.



Measuring cable

Model: 9846

Measuring cable, approx. 100 cm of length.

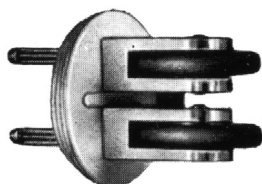


Point Electrode

Model: 9841

Only in connection with special cable 9846 and universal electrode socket 9845.

Point Electrode, needle length of 25 mm, 8 needles.

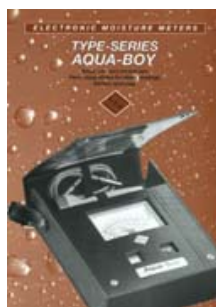


Roller Electrode

Model: 9868

Only in connection with special cable 9846 and universal electrode socket 9845.

Roller Electrode, 60 x 40 mm dia. for textiles.



Textile Hygrometer

Model: 9840

Technical datas:

- Deviation of moisture indication ± 0.2 % Electrical
- deviation ± 0.1 % relating to absolute dial value.
- Dimensions: approx. 170 x 115 x 50 mm
- Weight: approx. 400 g.

Electronic Textile Hygrometer, small and handy, for universal use. For the power supply you need an international normed exchangeable 9-volt-battery. Moisture measuring bases on the principle of electric conductance, moisture and conductance being in reciprocal function to each other.

Measuring / Speed Measuring

Articulating arm incl. mounting kit for Handstroboscope

Model: 4022/6

Belt bag with clip for Handstroboscope

Model: 4022/3

Li / Ion Battery Smart Pack for Handstroboscope

Model: 4022/5



Precision Tachometer

Model: 3991

Range from:

40 to 50,000 t.p.m. and from 4 to 5,000 m.p.m. to be set into

the following steps: 40 to 500 t.p.m. and from 4 to 50 m.p.m. 400 to 5,000

t.p.m. and from 40 to 500 m.p.m. 4,000 to 50,000 t.p.m. and from 400 to 5,000 m.p.m. In handy box 85 x 155 x 45 mm, with 1 rubber point, rubber bush, rubber funnel, wheel disk, and extension. Weight of approx. 580 g.

Precision Tachometer for all rotary or linear speed measurements, independent of sense of rotation. Locking button for showing the result, patented reverse gear, indifferent to change of temperature, and to magnetic fields. Deviation $\pm 0,5 \%$.

Replacement Xenon Lamp for Handstroboscope

Model: 4022/1

Spare parts Electronics for Handstroboscope

Model: 4022/7

Tripod, 3-way adjustable for Handstroboscope

Model: 4022/4

Worldwide charger set (100-230V) for Handstroboscope

Model: 4022/2

Measuring / Time Measuring



Double Stop Watch of high precision

Model: 3992

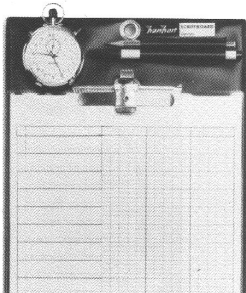
Double Stop Watch of high precision, shock-, dust- and waterproof, with double stop, lever-watch, 7 jewels, with unbreakable, antimagnetic spring, dial graduation 1/100 min, housing of approx. 55 mm dia., according to industrial standards. With index pointer for interim time stopping.



Robotimer

Model: 3994

Robotimer, time recording device for recording all times in one operation, by one person only. Errors are excluded by double time recording. The Robotimer consists of 4 stop watches and of 1 piece counter. The first 3 watches (lever-type, 7 jewels) are indicating the time in 1/100 minutes, the fourth one (lever-type, 11 jewels) is indicating the total time. Both, watches, and piece counter, are fitted on a table of aluminium of approx. 300 x 400 mm.



Scriptboard

Model: 3977

Scriptboard, plastic-blotting-pad with clear protective foil, with holder for stop-watch (delivery without stop-watch) writing utensils and paper holder. Measurements: 22.5 x 39.5 cm.



Special stop watch

Model: 3999

Special stop watch with high precision by direct stopping of a push-button, good readable LCD-display, sturdy housing (82 x 61 x 28 mm) with protection bag.

Special technical data:

- Measuring up to 99999,99 min,
- 3 single-time-stores,
- store for total time

Special stop watch with high precision by direct stopping of a push-button, good readable LCD-display, sturdy housing (82 x 61 x 28 mm) with protection bag.



table stop clock

Model: 3975

This table stop clock has an optimal stabilitz because of its ergonomical design. The clearly arranged clock face luminous minute points in the dark. The working time of the includes Mignon battery is 18 months. Suitable for school, sports, industry and labour.

Measuring / Tensionmeter



Tension Meter DXB

Model: 9838/1

Price upon request !

Tensiómetro for measurement of materials in ribbon form as P.e. film, fabric ribbons etc.



Tension Meter DXF

Model: 9837/1

Price upon request !

Tensiómetro for easily breakable materials with technical fibres etc



Tension meter electronic ETM

Model: 9857/1

Price upon request !

Tensiometro electronic with microprocessor for use in reduced spaces or of difficult access.



Tension meter electronic DTMB

Model: 9852/1

Price upon request !

Electronic Tensiómetro with diverse functions of evaluation, for users that they process given as p.e. for a system QM ISO 9000FF.



Tension meter electronic DTMX

Model: 9851/1

Price upon request !

Electronic Tensiómetro with diverse functions of evaluation, for users that they process given as p.e. for a system QM ISO 9000FF.



Tension meter for staple fibres techniques DTFX

Model: 9853/1

Price upon request !

Tensiometro for use in easily breakable articles, as for example, staple fibres techniques…



Tension meter industrial DN1

Model: 9839/1

Price upon request !

Tensiómetro for use diversified in the texteis industries, staple fibres, wire.



Tension meter industrial DX2

Model: 9835

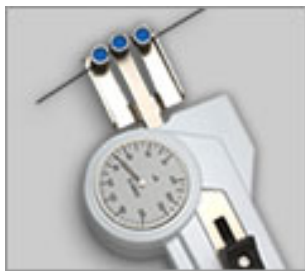
Tensiómetro of use diversified for all the industry branches.



Yarn tension meter ZF2

Model: 9832/12

Yarn tension meter, small, light, and handy. Lowest tension to be taken is 0.3 g. Space between guide rollers of 22 mm.



Yarn Tension Meter DXE

Model: 9836/1

Yarn Tension Meter DXE, for narrow sectors of measurement.



Yarn tension meter ZD2

Model: 9833/10

Price upon request !

Yarn tension meter, space between guide rollers of 38 mm.



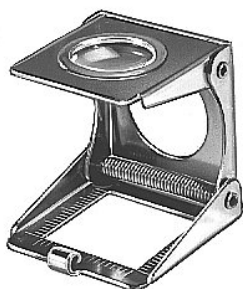
Yarn tension meter Zivy

Model: 9830/10

Price upon request !

Yarn tension meter for checking yarn tension at winding, beaming, knitting, etc. Priceworthy instrument of solid design, and of high precision, deflection rollers on ball bearings, gauged dial.

Counting / Thread counter



Thread Counter

Model: 9015

Thread Counter, with spring, 20 x 20 mm, 8-fold magnification.



Thread counter

Model: 9019

Thread counter, made from solid brass.



Upright magnifier

Model: 9014

Upright magnifier, especially suitable for measuring the size of stitches, 8-fold magnification. The measuring field with a 10 mm scale.



Upright magnifier

Model: 9569

Upright magnifier, for testing continuous or piece fabrics. The aspheric lens is fitted for plain or relief views. Dimensions dia. 7cm, height 5,5 cm, 6-fold magnification.

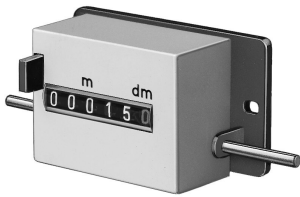
Counting / Meter Counter



Cloth Meter Counter

Model: 2403

Cloth Meter Counter, reading m/cm, with extension shaft and support. Circumference of measuring wheel 1/3 meter, card cloth coated, turning "B".



Meter Counter

Model: 2399

Meter Counter, adding-up, 6 digits, drive on both sides, turning B, gear 1 : 2, zero setting knob. Suitable for this meter counter measuring wheel 0.2 m circumference, 4 mm bore, rubber coated.

Counting / Stroke Counter



Stroke counter

Model: 2267

Stroke counter, 4 digits, lever on lefthand, zero setting knob on righthand, Fixing plate 42 x 48 mm., switching to A.



Stroke Counter

Model: 2269

Stroke Counter, 4-digits, lever on righthand, zero setting knob on lefthand, base plate 52 x 30 mm, switching to "B".

Counting / Piece Counter



Piece Counter

Model: 2394

Piece Counter, 46 mm dia., 4-digits, fixing plate of 64 mm dia., to be bolt onto tables, zero setting knob on righthand.



Piece Counter

Model: 2272

Piece Counter, 50 mm dia., 4-digits, lever on top, fixing plate 60 x 20 mm, zero setting knob on righthand.



Piece Counter

Model: 2394/2

Piece Counter, 47 mm dia., 4-digits, housing in plastic, zero setting knob on righthand.



Piece Counter

Model: 2394/1

Piece Counter, 47 mm dia., 4-digits, fixing plate of 65 mm dia., to be bolt onto tables, zero setting knob on righthand.

Weighting



Balança Sartorius TE212

Model: 9811

Built-in application programs: Net-total formulation, weighing in percent, counting, mass unit conversion by toggling, dynamic weighing.

Electronic quadrant scale for samples determining the weight of fabrics for samples of 100 square centimeters, weighing Range 1 -12,000 g/m² (121 g effective) scale 1 g/m² (0.01 g effective) bowl 116 mm diameter.

Balance BS945-15

Model: 9806

Control and industrial balance type BS 945, model BS945-15, 0-15kg / 1 gr. Dimensions of the plate 215 x216 mm.



Cutting blades

Model: 9815/2

Cutting blades for sample cutter 9815 and 9815/1. Box with 100 pieces.



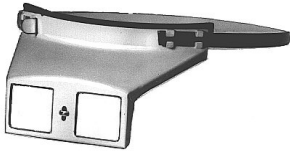
Sample cutter

Model: 9815

Sample cutter for precise cutting of circular samples of exactly 100 square centimeters, for use on quadrant scales. Accurate cutting edges by circular guided blades, and by draw-cut. 4 adjustable and interchangeable blades, with pad of porous rubber.



Testing



Binocular head magnifier of metal

Model: 9561

Magnifying glass without lenses!!!!

Binocular head magnifier of metal, without magnifying glass, varnished white, front cushion, head-band adjustable of nickel-plated steel, plastic-plated, lens-frame with glass-lenses of high quality, easy to remove. Suitable for eyeglass-wearers.



Lens to Binocular head magnifier of metal

Model: 9561/1

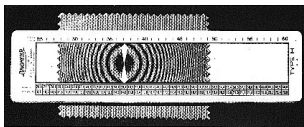
Lens-frame with glass-lenses of high quality, easy to remove.



Luminous magnifier

Model: 9595

Luminous magnifier, lens tube of white plastic, 5-fold magnification, with 2 batteries of 2.5 Volt, 250 mA, object field of 58 mm Ø.



Lunometer

Model: 9025/1

Lunometer, thread counter for all thread structures, scale in centimetres, English and French inc.



Magnifier pocket type

Model: 9016

Magnifier, pocket type, with plastic frame, 43.5 mm dia., 2.5-fold magnification, in a neat's leather bag.



Magnifier with scale

Model: 9596

Magnifier, with scale 7-fold, object field of 23 mm Ø.



Magnifying Glass

Model: 9556

Magnifying Glass 50 mm dia., handle of plexiglass, 2 ½-fold magnification.



Special magnifying glass

Model: 9026

Special magnifying glass for reading, cylindrical increase 1.5 fold.

Divers



Cutting Pads

Model: 9816/1

Cutting pads of porous rubber, abt. 300 x 200 mm, soft quality.

