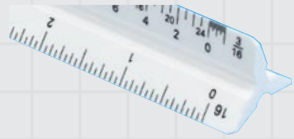




Visual Planning Corporation
 Montreal-Ottawa-Mississauga
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 E-mail: Ottawa@visualplanning.com or
info@visualplanning.com

Prices herein are **US List prices.**
For Canadian Prices, please add 30%.
Updated November 2010
 Prices are subject to change without notice.

TRIANGULAR SCALES – Please refer to scale selection chart on following page for item numbers and graduations



ALVIN® 110 Series Student/Vocational Triangular Scales

These 12" triangular scales are ideal for scholastic and vocational use. Satin finish, high-impact plastic with tapered edges. Sharp, easy-to-read graduations resist wear. Available in white or eye-saver yellow. Architect, engineer, and mechanical draftsman graduations. Inch and metric. Items 110PC and 111PC are blistercarded.

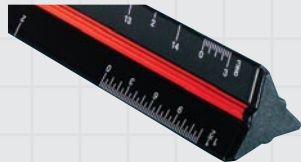
No.	Description	SRP
110P Series	White	\$4.50 ea
	Blister-carded	4.75 ea
	Yellow	9.95 ea
120PC	Combo	8.95 ea



ALVIN® 270P Series Boxwood-Color Plastic Triangular Scales

High-quality scales made from high-impact, boxwood-color plastic with tapered edges. Hot foil-stamped graduations and color-coded furrows. Supplied in plastic sleeve.

270P Series	SRP
	\$15.25 ea



ALVIN® 98 Series Black Aluminum Triangular Scales

High-quality, black anodized aluminum scales have a large profile, hollow core, and tapered edges. Printed white graduations and color inlaid furrows. Supplied in hard plastic case.

98 Series	SRP
	\$24.00 ea



ALVIN® Scale Guard

Fits most standard triangular scales. A perfect handle for lifting and maneuvering scales. Assorted colors for easy scale identification. Maintains scale orientation so graduations always face down. Sold by the dozen or as a 2/pk.

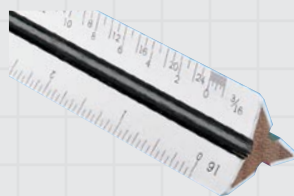
No.	Description	SRP
669DZ	12/bag	\$9.00 dz
669BC	Blister-carded 2/pk	1.45 pk



ALVIN® 240P Series Plastic Professional Triangular Scales

Professional-quality scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in hard plastic case.

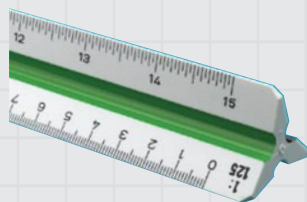
240P Series	SRP
	\$15.50 ea



ALVIN® 240B Series Bamboo Professional Triangular Scales

Professional-quality scales with a bamboo core, white high-impact plastic laminated faces and tapered edges. Machine engraved divisions and color-coded furrows. Supplied in hard plastic case.

240B Series	SRP
	\$24.95 ea



ALVIN® 740PM Series Metric Plastic Triangular Scales

Professional-quality metric scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Hot-stamped graduations and color-coded furrows. Supplied in hard plastic case.

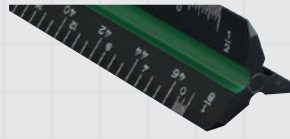
740PM Series	SRP
	\$17.95 ea



ALUMICOLOR™ 3000 Series 6" Mini Aluminum Triangular Scales

Professional-quality scales are made from color anodized solid aluminum. Printed graduations on ultra-smooth, mark-resistant surface. Available in silver (-1 suffix), gold (-2), red (-4), blue (-5) and black (-9). Supplied in plastic tube.

3000 Mini Series	SRP
	\$5.95 ea



ALVIN® 240BP Series Black Plastic Triangular Scales

Professional-quality scales made from high-impact plastic with black, non-reflecting, dull-matte faces and tapered edges. Machine-engraved white graduations and color-coded furrows. Supplied in hard plastic case.

240BP Series	SRP
	\$15.50 ea



ALVIN® 4" Mini Aluminum Triangular Scales

4" professional pocket scale constructed of solid aluminum for light weight and durability. Features tapered edges and color-coded furrows. Comes in vinyl sheath.

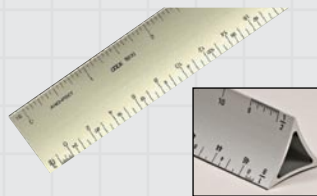
No.	Description	SRP
30ATS	Architect	\$9.25 ea
31ATS	Engineer	9.25 ea
37ATS	Metric	9.25 ea



ALVIN® 400 Series Gray Plastic Professional Triangular Scale

Professional-quality scales made from non-reflective, high-impact gray plastic with tapered edges. Hot foil-stamped black graduations and color-coded furrows. Supplied in hard plastic case.

400 Series	SRP
	\$15.75 ea



ALUMICOLOR™ 3000 Series Colored Aluminum Triangular Scales

Lightweight, professional-quality scales are made from color-anodized aluminum with a hollow core. Printed graduations on ultra-smooth, mark-resistant surface. Available in silver (-1 suffix), gold (-2) and black (-9). Inch and metric. Supplied in hard plastic case.

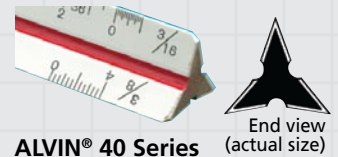
3000 Hollow Series	SRP
Except 18"	\$9.75 ea 17.95 ea



ALVIN® 600 Series 6" Plastic Triangular Scales

6" high-quality scales made from high-impact plastic with white, non-reflecting, dull-matte faces and tapered edges. Printed graduations and color-coded furrows. Sold individually or as a set of two.

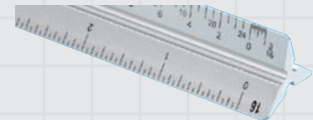
No.	Description	SRP
P600C	Set of two	\$10.95 st
610A	Architect	5.95 ea
610E	Engineer	5.95 ea



ALVIN® 40 Series 4" Mini Hardwood Triangular Scales

4" professional-quality scales with a solid hardwood core, white, high-impact plastic laminated faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in plastic sleeve.

40 Series	SRP
	\$13.95 ea



ALVIN® 2200M Series Solid Aluminum Triangular Scales

High-quality anodized aluminum scales have a large profile, solid core, and tapered edges. Printed black graduations, available in inch and metric. Supplied in hard plastic case.

2200M Series	Size	SRP
	6"	\$11.75 ea
	12"	19.95 ea
	18"	26.50 ea
	24"	38.50 ea



FAIRGATE® T Series Solid Aluminum Triangular Scales

Rugged, professional-quality scales are made from anodized aluminum with a solid core. Printed black graduations on non-glare finish and color-coded furrows. Available in inch and metric. Sold individually, shrink wrapped.

T Series	Description	SRP
	6"	\$7.95 ea
	12"	11.90 ea
	18"	17.25 ea
	24"	23.30 ea
	36", Arch. only	36.60 ea
	30cm/Metric	12.00 ea



End view (actual size)

Triangular Scale Selection Chart

Hardwood	Bamboo	High Impact Plastic		Gray Plastic	Black Plastic	ALUMICOLOR™			ALUMICOLOR™		Length	Graduations	
		Impact Plastic	Impact Plastic			FAIRGATE® Aluminum	Mini Aluminum	ALVIN® Aluminum	Black Aluminum	Hollow Aluminum			
Architect Scales													
40MTS		610A				TA6	3010-1 3010-2 3010-4 3010-5 3010-9 3015-1		30ATS 2200M-16			4" 6" 6" 6" 6" 6"	All architect scales have the following graduations unless otherwise noted: 3/32, 3/16, 1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½, 3" to the foot; one edge graduated to 16ths 1/32, 1/16, 1/8, 1/4, 1/2, 16, left to right calibrations With left to right reading calibrations
	240B	110P 110PC* 110PY 240P	270P	410PG	240BP	TA12		2200M-1	98/ARC	3030-1 3030-2 3030-9 3035-1	12" 12" 12" 12"		
						TA18		2200M-118		3040-1	18"		
						TA24		2200M-124			24"		
						TA36					36"		
Engineer Scales													
41MTS		610E				TE6	3210-1 3210-2 3210-4 3210-5 3210-9		31ATS 2200M-26			4" 6" 6" 6" 6" 6"	All engineer scales have the following graduations unless otherwise noted: 10, 20, 30, 40, 50, 60 parts to the inch (241B is double-numbered)
	241B	111P 111PC* 111PY 241P	271P	411PG	241BP	TE12		2200M-2	98/ENG	3230-1 3230-2 3230-9	12" 12" 12" 12"		
						TE18		2200M-218		3240-1	18"		
						TE24		2200M-224			24"		
	245B										12"		
Mechanical Drafting Scales (Architect/Engineer)													
		110PX 110PXY 244P	270PX									12" 12" 12"	1/8, 1/4, 1/2, 1" to the foot; 1/4, 3/8, 1/2, 3/4 size; 50ths and 16ths
Combination Scales (Inch/Metric)													
							3610-1 3610-2 3610-4 3610-5					6" 6" 6" 6"	1/8 and 1/4 = 1 foot; 16ths full size, 10 and 50 parts to the inch 1:100 and 1:500 metric
										3630-1 3630-2	12" 12"		
		119PC									12"		
		120PC										12"	1:50, 1:100 metric, 50ths and 16ths full size, 1/4, 1/2 size, 1/8 and 1/4 = 1 foot
Metric Scales													
	247B	744PM 117PM 247P 748PM										30cm (12") 30cm (12") 30cm (12") 30cm (12")	1:2.5, 1:5, 1:10, 1:20, 1:50, 1:100 1:20, 1:33⅓, 1:40, 1:50, 1:80, 1:100
		740PM				TM12		2200M-3				30cm (12")	1:20, 1:25, 1:33⅓, 1:50, 1:75, 1:100 1:20, 1:25, 1:50, 1:75, 1:100, 1:125
		121PM 742PM						2200M-5		3430-1		30cm (12") 30cm (12") 15cm (6")	1:100, 1:200, 1:250, 1:300, 1:400, 1:500
47MTS		743PM					3410-1					30cm (12") 10cm (4")	1:100, 1:200, 1:300, 1:400, 1:500, 1:600
								2200M-6				30cm (12")	1:500, 1:1000, 1:1250, 1:1500, 1:2000, 1:2500

* Blister-carded



ALVIN® Professional Triangular Scales Display

Size: 16¼"W x 7¼"H x 6¼"D
Contents: 36 Assorted scales
No. 6222D SRP \$558.00

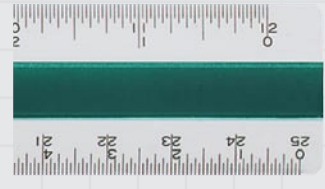


ALVIN® Student Triangular Scales Display

Size: 16¼"W x 7¼"H x 6¼"D
Contents: 66 Assorted scales
No. 7222D SRP \$297.00

ALUMICOLOR™ Mini Triangular Scales Display

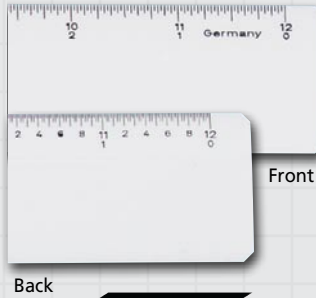
Size: 8½"H x 3" Diameter
Contents: 28 Scales in five colors
No. A300D SRP \$156.95



ALVIN® 764 Series English/Metric Mechanical Draftsman Flat Scale

12"/30cm four-bevel white scale made of high impact plastic. All graduations are double numbered. Full size – inches to 50ths and 32nds. Half size – inches to 16ths. Metric to 1mm. Supplied in vinyl sheath.

No. 764PM SRP \$14.50 ea



ALVIN® 250 Series Mechanical Draftsman White Plastic Flat Scale

12" opposite-bevel white scale made of high-impact plastic. Engine-divided graduations. Double-numbered, full size, inches reading to 32nds. Full size, inches reading to 50ths. Supplied in vinyl sheath.

No. 258P SRP \$24.95 ea



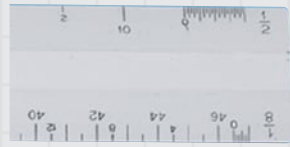
Proportional Scales

Provides a number of times of reduction, as well as percentage of enlargement or reduction for photos, artwork, and layouts. Fractions are printed below the inch in a second color. Consists of two circular laminated white vinyl discs. Available in three sizes.

No.	Diameter	SRP
PS69	5"	\$4.00 ea
PS79	6"	5.50 ea
PS80	8"	6.50 ea



266P



260P

ALVIN® Series 260 White Plastic Flat Scales

Four-bevel white scales made of high-impact plastic in 6" and 12" lengths. Printed graduations. Supplied in vinyl sheath.

No.	Description	SRP
◆ 260P	12" divided: 1/8", 1/4", 1/2", 1", 3/8", 3/4", 1½", and 3" to the foot	\$18.95 ea
● 261P	12" divided, not double-numbered: 10, 30, 40, and 50 parts to the inch	18.95 ea
◆ 266P	6" divided: 1/8", 1/4", 1/2", 1", 1½", 1½", and 3" to the foot	13.95 ea
● 267P	6" divided, double numbered: 10, 30, 40, and 50 parts to the inch	13.95 ea
● 269P	6" divided, double numbered: 10, 20, 30, 40, 50, and 60 parts to the inch	13.95 ea

KEY: ◆ Architect ● Engineer

DÉJÀ VIEWS® Zero Hero™

This clear centering ruler includes stitch and eyelet spacing holes, as well as guides for perfect placement of journaling, parallel lines, and corners. Creates beautiful, symmetrical pages.



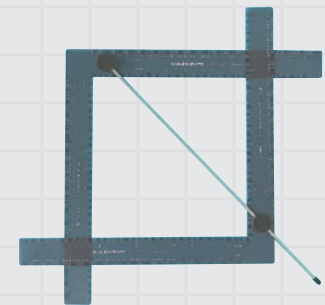
No.	Size	SRP
ZHCR-12	12"	\$3.49 ea
ZHCR-18	18"	4.99 ea



C-THRU® Graphic Arts Ruler

Laminated, 2" x 18" ruler, with calibrations in inches, picas, and agate. Also includes proofreader symbols, printers' rules, hairline to 12 point, ten percentage screens ranging from 10% to solid, halftone screens, 12-pitch standard and 10-pitch elite typewriter character counters, and a simplified copy casting system.

No. GA86 SRP \$3.95 ea



SCALEOGRAPH Measuring Instrument

Time saving, easy-to-use, precision plastic mechanical instrument that takes the guesswork out of scaling and cropping photographs, odd shapes, or drawings. Precise white scales on the arms give easy-to-read measurements for necessary camera work. Scaled in picas and inches. 12" x 12".

No. SG330 SRP \$34.95 ea

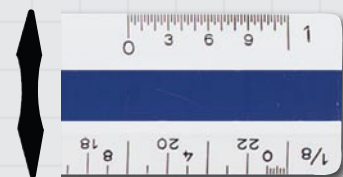


ALVIN® Series 280 White Plastic Flat Scales

12" two-bevel white scales made of high-impact plastic. Engine-divided graduations. Supplied in vinyl pocket sheath.

No.	Description	SRP
◆ 280P	12" divided: 1/8" and 1/4" to the foot	\$39.00 ea
◆ 280XP	12" divided: in 16ths and 32nds to represent 200' on the 16th scale; in 16ths and 32nds to represent 400' on the 32nd scale; 1/16" and 1/32" to the foot	39.00 ea

KEY: ◆ Architect



ALVIN® Series 310 White Plastic Flat Pocket Scales

6" four-bevel white scales made of high-impact lightweight plastic. Printed graduations. Supplied in vinyl sheath.

No.	Graduations	SRP
◆ 310A	1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½, and 3" to the foot	\$6.50 ea
● 311E	10 and 50, 30, and 40 parts to the inch	6.50 ea

KEY: ◆ Architect ● Engineer



SCHAEDLER® High-Precision Translucent Rules

Schaedler rules are accurate, convenient, dimensionally stable, adaptable, and have superior legibility. Rules are printed on a flexible, polyester film base to allow measuring around curved objects.

46-IM – 12" rule with inches in 1/64" increments on the top edge, metric to mm on the bottom edge, and printers points and picas in the center. Rule has blue tint. **46-IP** – 12" rule with decimal inches divided to 100ths on the top edge. DTP points and picas on the bottom edge, and agates in the center. Rule has pink tint. **46-DP** – Two pack containing one 46-IM and one 46-IP rule. **18-IMP** – 18" rule with four sets of graduations. Fractional inches to 64ths, decimal inches to 100ths, DTP points/picas, and metric to 1/2mm. Interior slots are cut into rule for ease of use. Rule has green tint.

No.	Description	SRP
46-IM	12" rule, Inches/Picas/Metric	\$22.75 ea
46-IP	12" rule, Decimal-Inches/Agates/Picas	23.75 ea
46-DP	2-pack, 46-IM and 46-IP	37.75 pk
18-IMP	18" rule, Inches/Metric/Pica	39.75 ea



ALVIN® Plastic 12" Ruler

Perfect for home, school, or office. Fluorescent color makes it easy to locate. Inch/metric graduations. 1 1/4" wide.

No. RT12 SRP \$1.59 ea

ALVIN® 12" Fluorescent Plastic Rulers Display

Size: 5"W x 1 1/4"H x 12 1/4" D
Contents: 48 Pieces No. RT12

No. RT12D SRP \$76.32



ALVIN® 12" Ruler

Clear plastic scaled 1/16" on one edge and metric on the other edge. Plumb line on each edge. Scale width is 1 1/4".

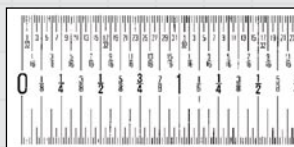
No. CP212 SRP \$4.25 ea



ALVIN® Rulers

Scratch-resistant, super-clear acrylic with raised edge to prevent smearing. Scaled 1/16" on one edge, metric on opposite edge, blank spaces at ends for easier measuring, plumb line at each end.

No.	Size	SRP
T40-12	12"	\$2.50 ea
T40-18	18"	3.25 ea



ALVIN® Plastic 12" Ring Binder Ruler

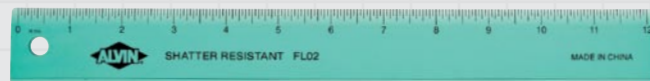
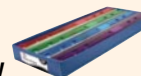
Transparent, shatter-resistant 12" classroom ruler in assorted colors. Fits in 3-ring binders.

No. FL01 SRP \$0.85 ea

ALVIN® 12" Ring Binder Rulers Display

Size: 7 1/2"W x 1 1/4"H x 12 1/2" D
Contents: 48 Assorted rulers

No. FL01D SRP \$40.00



ALVIN® Plastic 12" Ruler

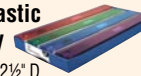
Transparent, shatter-resistant 12" x 1 1/2" classroom ruler in assorted colors.

No. FL02 SRP \$1.45 ea

ALVIN® 12" Plastic Rulers Display

Size: 5"W x 1 1/4"H x 12 1/2" D
Contents: 36 Assorted Rulers

No. FL02D SRP \$51.50



ALVIN® 12" Plastic Superflex Ruler

This super pliable ruler is virtually indestructible. It can be twisted or bent and always returns to its original flat position. Ideal for measuring curved surfaces. Graduated in 16ths and mm. Assorted transparent colors. 12" size.

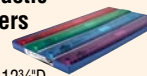
No. FL14 SRP \$1.65 ea



ALVIN® 12" Plastic Superflex Rulers Display

Size: 6 1/2"W x 5/8"H x 12 3/4" D
Contents: 28 Assorted rulers

No. FL14D SRP \$38.65



ALVIN® 6" Transparent Plastic Rulers

48 transparent plastic rulers, 1" w x 6", in four assorted colors.

No. FL48D
SRP \$18.72 pk

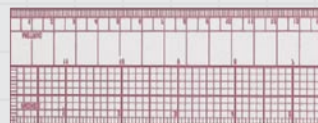
Size: 6"W x 1"H x 4" D



C-THRU® Standard Beveled Rulers

1" wide graph rulers, 1/16" calibrated with a beveled edge for ink ruling.

No.	Size	SRP
B50	6"	\$1.50 ea
B60	12"	2.00 ea



C-THRU® English/Metric Ruler

Transparent ruler calibrated in 16ths to the inch with 8ths graph feature on one side and millimeters on the other. Each centimeter line is extended to the inch scale offering a comparison between English and metric scales. Zero centering English scale. 2" x 24".

No. B97 SRP \$5.95 ea



C-THRU® Pica Beveled Ruler

Marked with agate lines and inch graduations. Ideal for graphic arts use. 2" x 18" size.

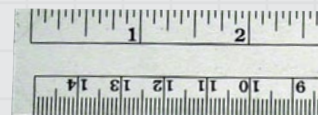
No. B90 SRP \$3.95 ea



C-THRU® Beveled Graph Rulers

2" wide graph rulers with 1/16" calibration and beveled edge.

No.	Size	SRP
B70	12"	\$2.65 ea
B85	18"	3.95 ea



C-THRU® 12" Co-Ed Plastic Rulers

1" wide with 1/16" markings on one edge and metric scale on the other. 12" length.

No. 36 SRP \$0.95 ea



C-THRU® Standard and Pocket Type Gauge and Specifier

Made of durable opaque plastic with rulers and scales printed on two sides. Included are eight point sizes, agate, and E-scale, 10 line rules, pica and inch scale.

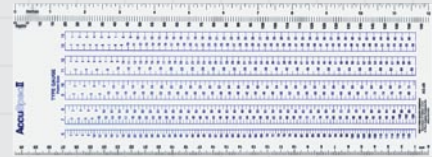
No. GA88 SRP \$7.50 ea



C-THRU® Typsetting and Leading Gauge

Transparent ruler, laminated for permanence. Includes scales in picas, point sizes, and 1/16", plus a leading gauge. 3" x 13 3/4" size.

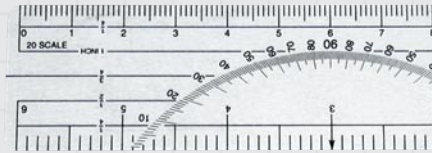
No. GA96 SRP \$4.25 ea



C-THRU® AccuSpecII Transparent Type Gauge and Specifier Set

Designed for the professional graphic artist. Includes E-scale, inch, pica, and metric scales, point size gauge, rules, open and solid bullets, and squares. Type gauges in 6 through 13 and 15 point sizes. Set of two scales are wrapped in protective folder and stored in a resealable clear plastic bag.

No. AS2 SRP \$9.95 st



C-THRU® Protractor Rulers

Combination protractor/scale/ruler for fast preliminary layouts. Graduations designed for civil engineers, surveyors, and general use. 6" size.

No.	Scale Graduations	SRP
W37	10 and 50 parts to the inch	\$2.50 ea
W38	10 and 20 parts to the inch	2.50 ea
W39	20 and 40 parts to the inch	2.50 ea



C-THRU® Folding Ruler

Unique ruler folds compactly to 6" and comes in a carry pouch for easy storage and portability. It opens to a full 12" and features inch and metric calibrations.

No. FOL30 SRP \$2.49 ea



C-THRU® Magnifier Ruler

This clear 6" pocket ruler contains a magnifying window and features inch and metric calibration. A carrying case is included.

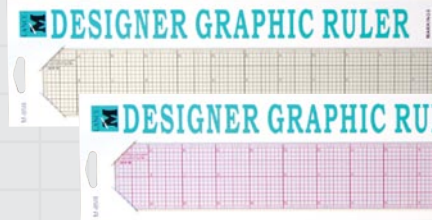
No. MAG6 SRP \$2.95 ea



C-THRU® Bar Magnifier Ruler

Spreadsheet reading is a breeze with the full 12" bar magnifier fabricated from heavy-duty, clear acrylic. Features inch and metric calibrations.

No. MAG12 SRP \$6.95 ea



LANCE® 18" Transparent Rulers

2" x 18" transparent designer graph ruler in red or black print. Graduations in 1/16".

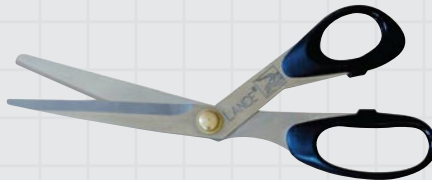
No.	Description	SRP
M85R	Red	\$4.89 ea
M85B	Black	4.89 ea



LANCE® 60" Tape Measure

5/8" wide tape measure for tailors. Made of strong fiberglass threads. Inches and millimeters on both sides. Assorted colors.

No. 100LNC SRP \$13.25 dz



LANCE® Lightweight Shears

Stainless steel dressmaker's shears are finely honed and able to easily cut through six layers of silk. Blades can easily be adjusted for customized comfort. 8 1/2" length.

No. LLS SRP \$14.89 ea

GENERAL® Deluxe Scratch Awl with Hardwood Handle

Alloy steel blade runs through the handle and is securely fastened to both the plated steel ferrule and the cap. Hardwood fluted handle is contoured for a comfortable grip. Overall length is 6 1/2" with a 3 1/2" blade.

No. G818 SRP \$8.85 ea

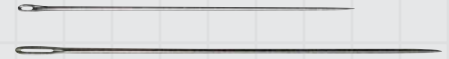


LANCE® Colonel Wax Tailors Chalk

Colonel brand wax tailors chalk. 48 pieces to a box. White.

No. CLN-WH SRP \$13.35 bx

Needles enlarged to show detail



LANCE® Handsewing Needles

The most popular sewing needle used by dressmakers and tailors. Carefully crafted of carbon steel and fully nickel-plated, each needle is precisely drawn to an exact diameter. 25 needles to a package.

No.	Description	SRP
SH-3-9	Assorted Sharps, #3-#9	\$3.49 pk
SH-7	Sharps, #7	3.49 pk

Pins enlarged to show detail

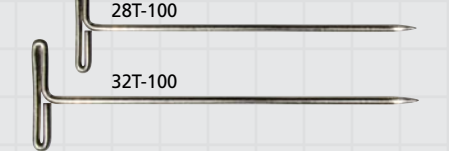


LANCE® Dressmaker Pins

Dressmaker pins, made in Europe, of nickel-plated carbon steel. Used for pinning up clothing during alterations. Large heads for handling comfort. Points are buffed for easy insertion into cloth. Packed in 8 oz. boxes.

No.	Description	SRP
DMP116	1 1/8" length	\$10.39 bx
DMP114	1 1/4" length	9.79 bx

T-Pins shown actual size



LANCE® Steel T-Pins

Nickel-plated steel T-pins with new snag-resistant T-head. 1/2 lb. per box. Also available packed 100 pins per box for greater economy. Used by professionals, hobbyists, and textile workers in a variety of applications.

No.	Length/Diameter	SRP
<i>8 oz. boxes</i>		
X16T-05	1" x .030"	\$34.00 bx
X20T-05	1 1/4" x .0335"	28.00 bx
X24T-05	1 1/2" x .0455"	17.25 bx
X28T-05	1 3/4" x .0455"	17.25 bx
X32T-05	2" x .0455"	17.25 bx
<i>100 pins per box</i>		
16T-100	1" x .030"	3.29 bx
20T-100	1 1/4" x .0335"	3.39 bx
24T-100	1 1/2" x .0455"	4.59 bx
28T-100	1 3/4" x .0455"	4.59 bx
32T-100	2" x .0455"	4.59 bx

LANCE® Pattern Hooks

Carry pattern papers when transporting is required.

No. PH12
SRP \$6.89 bx



ALVIN® 12" Wood Ruler

Beechwood ruler with a natural polished finish. Scaled in centimeters and inches. Inch scale has 16ths and 32nds in first and last inch. Supplied in sheath.

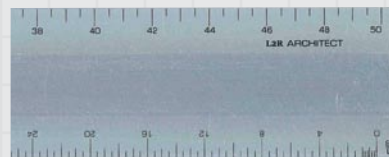
No. R212 SRP \$3.85 ea



ALUMICOLOR™ Series L2R™ Aluminum Scale

Architect scale has ultra-smooth edges and a slim profile. Left-to-right reading printed graduations won't rub off.

No. 3136-1 Description 12" divided: 1/8, 1/4, 1/16, and 1/32 to the foot, 4-bevel, flat SRP \$13.45 ea



LANCE® Pattern Notcher

Perfect for notching pattern paper. Notch dimensions are 1/4" x 1/16".

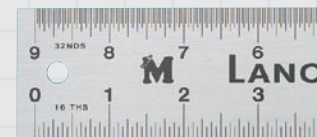
No. X45 SRP \$37.95 ea



LUFKIN® 6' Red End Folding Ruler

Ideal for carpenters and other professional craftsmen. Constructed of boxwood, 25% thicker than competitive wood rules, with black markings embedded in a white background protected by a clear abrasive-resistant coating. Strong lock joints eliminate end play and retain accuracy. End caps and strike plates are brass-plated. Double graduations on both edges and both sides. Graduated in feet to 1/10 and 1/100 of a foot with regular outside markings in feet and inches to 1/16".

No. 1066D SRP \$25.95 ea



LANCE® Aluminum Center Finding Rule

Calibrated on two edges of one side. Zero point at the center of the top edge with equal incremental measurements to the left and right in 32nds of an inch. Bottom edge is standard ruler calibrated in 16ths. 1 3/4" size.

No.	Size	SRP
CF018	18"	\$6.25 ea
CF024	24"	7.50 ea
CF036	36"	11.95 ea
CF048	48"	17.25 ea



FAIRGATE® Aluminum English/Metric Rules

Calibrated in 100cm/1 meter and 1/16". Rules are 40" x 1 1/8".

No. MS-100 SRP \$15.00 ea



LANCE® 12" Aluminum Cuff Rulers

Handy, accurate tool used to quickly mark trouser cuffs of various lengths and widths. Inches, in 8ths, on the top edge and in 16ths on the bottom.

No.	Size	SRP
CR125	1 1/4"	\$5.25 ea
CR150	1 1/2"	5.90 ea
CR175	1 3/4"	6.95 ea
CR200	2"	7.75 ea



1043-24

New



1043-24Y

ALVIN® Truflex Flexible Curves

End View



Easily-shaped lead core construction firmly holds any curve for accurate drawings. Graduated in both inch and metric. Inch graduations in 16ths and 32nds, metric graduations in mm and cm. Convenient inking edges for pen and marker use. Also includes flat edges on both sides for pencil drawing. Used for quilting and pattern making.

No.	Description	SRP
1043-12	12", White	\$6.95 ea
1043-16	16", White	8.95 ea
1043-24	24", White	14.95 ea
1043-32	32", White	19.95 ea
1043-40	40", White	19.50 ea
1043-16Y	16", Yellow NEW	8.95 ea
1043-24Y	24", Yellow NEW	14.95 ea



ALUMICOLOR™ Yardstick

End-to-end calibrations. Yard marks and 16ths. Lightweight, yet sturdy. 1/16" thick and 1 1/8" wide. Sold individually.

No. 8008 SRP \$4.50 ea

LANCE® Cork-Backed Aluminum Inking Rulers

Calibrated on two edges of one side. Inches in 16ths and 8ths. Water-resistant cork backing raises ruler above work surface for inking.

No.	Size	SRP
CB012	1" x 12"	\$4.75 ea
CB018	1 1/2" x 18"	6.95 ea
CB024	1 1/2" x 24"	8.25 ea
CB036	2" x 36"	13.50 ea
CB048	2" x 48"	24.50 ea



LANCE® Aluminum Centimeter/Inch Rulers

Calibrated on two edges of one side. Millimeters to centimeters on top edge. Inches, in 16ths, on bottom edge.

No.	Size	SRP
SE015EM	15cm	\$2.75 ea
SE030EM	30cm	3.25 ea
SE045EM	45cm	6.40 ea
SE060EM	60cm	7.70 ea
SE100EM	100cm	13.40 ea

FAIRGATE® Eluxite Aluminum Centering Rules

Rigid, but lightweight, hard aluminum. Ideal measuring aides for dividing and gauging layouts, printing, spacing, lettering, etc. Calibrated in 32nds and 16ths. To find the center of any two- or three-dimensional object, place the rule on the object so that the same measurement appears to both left and right of the zero mark. Zero will indicate the exact center. 1 3/4" wide.

No.	Size	SRP
RC12	12"	\$4.65 ea
RC18	18"	7.00 ea
RC24	24"	8.95 ea
RC36	36"	13.35 ea
RC48	48"	19.25 ea



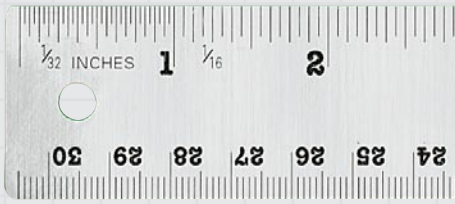
FAIRGATE® Cork-Back Aluminum Rules

Cork backing prevents slipping and raises rule from work surface to eliminate ink smears and bleeding. Inches in 16th and 8ths.

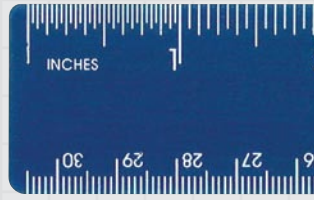
No.	Size	SRP
CR12	7/8" x 12"	\$5.20 ea
CR18	1 1/4" x 18"	7.60 ea
CR24	1 1/4" x 24"	9.10 ea
CR36	1 1/2" x 36"	13.60 ea
CR48	1 1/2" x 48"	24.95 ea



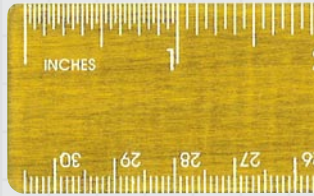
Non-skid cork backing



1/32" graduations for close work



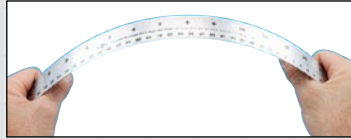
New



ALVIN® Flexible Stainless Steel Rulers

Made of finest quality stainless steel with non-skid cork backing that won't slip on glass or polished surfaces. Flexible enough to permit measuring curved surfaces. Raised edges eliminate ink blots and smearing. Permanent acid etched graduations won't wear off. Graduated to 32nds, 16ths, and metric. 1 1/4" wide.

No.	Description	SRP
R590-6	6"	\$2.50 ea
R590-12	12"	3.75 ea
R590-15	15"	5.00 ea
R590-18	18"	5.50 ea
R590-24	24"	7.50 ea
R590-36	36"	12.00 ea
R590-12BL	12", Blue NEW	3.75 ea
R590-12GD	12", Gold NEW	3.75 ea



ALVIN® Flexible Stainless Steel Rulers Display

Size: 8"W x 19"H x 4"D
Contents: 48 Assorted rulers

No. R590D SRP \$201.00



FAIRGATE® Aluminum Straightedge Rules

Made of hardened aluminum, distinctly calibrated in black with graduations on one edge in 16ths and the opposite edge in 8ths. Featherweight and strong, these rules are 1/32" thick and semi-rigid for flexible use. Non-rust matte finish with hanging hole at one end.

No.	Size	SRP
AR701-12	7/8" x 12"	\$3.75 ea
AR701-18	1 1/4" x 18"	6.35 ea
AR701-24	1 1/4" x 24"	7.60 ea



FAIRGATE® Graduated Aluminum Straightedge

Hardened aluminum construction and a stain-resistant matte finish offer a handsome, yet practical design. Clearly marked black graduations in 16ths and 8ths of an inch on opposite edges.

No.	Size	SRP
1005-30	30"	\$10.20 ea
1005-36	36"	12.45 ea
1005-48	48"	19.20 ea
1005-60	60"	27.20 ea
1005-72	72"	36.60 ea



1532

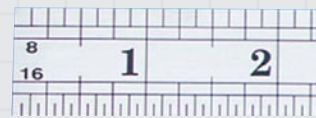


1533

ALVIN® Stainless Steel Pocket Rules

6" ruler has etched graduations. Pocket clip doubles as a depth gauge. Convenient fraction/decimal equivalents on reverse side. 1/2" width.

No.	Description	SRP
1532	Graduated in 16ths, 32nds, and 64ths	\$3.75 ea
1533	Graduated in mm to 15cm and 32nds	2.95 ea



GENERAL® Vocational Stainless Steel Rule

Made of flexible steel with ground edges and a hanging hole at one end. Quick-reading graduations in 16ths, 32nds, and 64ths inches, 1.0mm and 5.0mm on the front and 8ths, 16ths, 32nds, and 64ths on the back. 7/8" wide x 12" long. Individually enveloped.

No. 1538 SRP \$11.50 ea



GENERAL® Vocational Stainless Steel Rule

A popular standard with quick-reading 32nds and 64ths on front and handy fraction/decimal equivalents on back. 3/4" wide x 6" long. Individually carded.

No. 1506 SRP \$6.25 ea



ALVIN® 6" Stainless Steel Pocket Rules

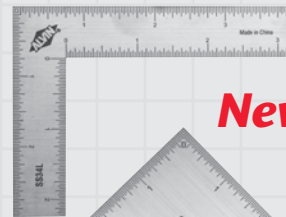
Size: 2 3/4"W x 8 1/2"H x 6"D
Contents: 20 Pieces No. 1532

No. 1532D SRP \$90.00

GENERAL® Vocational Stainless Steel Rule

Flexible tempered steel rules with ground edges, graduated on two sides: 10ths and 100ths on the front, 32nds and 64ths on the back. 15/32" wide x 12" long. Individually enveloped.

No. 1537B SRP \$14.75 ea

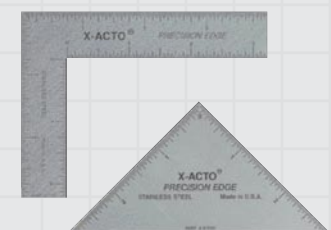


New

ALVIN® Stainless Steel Rulers

Made of durable stainless steel with etched inch graduations. Ideal for hobby and craft projects.

No.	Description	SRP
SS3	3" Triangle	\$7.99 ea
SS34L	3" x 4" L-Square	7.99 ea



X-ACTO® Precision Stainless Steel Rulers

Stainless steel edge is ideal for safe, accurate cutting and measuring. Acid-etched inch graduations. Resists cuts.

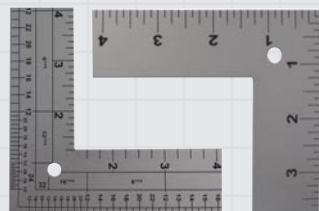
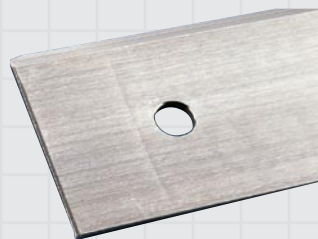
No.	Description	SRP
X-7725	3" Triangle	\$8.99 ea
X-7726	3" x 4" L-Square	8.99 ea



LANCE® Stainless Steel Centimeter/Inch Ruler

Rugged and reliable, made from high quality stainless steel, this ruler surpasses federal specifications for accuracy. Etched black, easy-to-read numbers are accurate to within 1/64th of an inch. Chart on back for easy conversion of inches to millimeters. 12"/30cm.

No. SS012M SRP \$4.95 ea



LANCE® Standard Aluminum L-Square

24" x 14". Each arm is calibrated on two edges on one side and one edge on the reverse in 1/8, 1/24, 1/32, 1/2, 1/4, 1/8ths, 16ths, 2/3rds, 6ths, and 12ths.

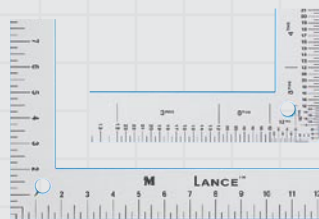
No. LS024 SRP \$21.95 ea



FAIRGATE® Aluminum Matte Marking T-Square

Features a numbered head and blade that accurately and simultaneously measure two points in inches. Durable, lightweight aluminum construction with head securely riveted to blade. 12" x 6" overall size.

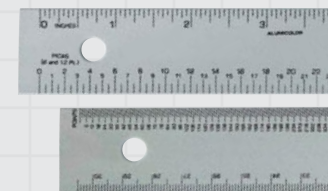
No. A17 SRP \$9.40 ea



LANCE® Half-Size Aluminum L-Square

Used for the creation of half-scale patterns. Each arm is calibrated on one edge of both sides, in 1/8, 1/24, 1/32, 1/2, 1/4, 1/8ths, 16ths, 2/3rds, 6ths, and 12ths. 12" x 6".

No. LS01205 SRP \$15.70 ea



ALUMICOLOR™ Aluminum Rules

Precision-made of anodized silver-colored aluminum with a hard tempered blade and an ultra-smooth surface. Extremely durable and impervious to most solvents. Calibrated in inches, centimeters, picas, and points.

No.	Size	SRP
4240-1	12"	\$6.95 ea
4241-1	18"	8.95 ea
4242-1	24"	11.95 ea



ALVIN® Tape Measure

25' retractable tape measure with wrist strap features three convenient locking stops located on the top, side, and bottom. Injected metal hook end includes magnets. Nylon-coated blade has longer standout.

No. ATM25 SRP \$11.95 ea

ALVIN® Tempered Stainless Steel Cutting Straightedge

2" wide x .093" thick. Features include a beveled edge and convenient hanging hole. Durable, with satin, non-glare finish. Used for cutting and ruling mats, paper, leather, glass, etc.

No.	Size	SRP
1109-18	18"	\$29.50 ea
1109-24	24"	34.50 ea
1109-30	30"	41.00 ea
1109-36	36"	46.50 ea
1109-42	42"	52.50 ea
1109-48	48"	64.00 ea
1109-60	60"	79.00 ea
1109-72	72"	97.00 ea

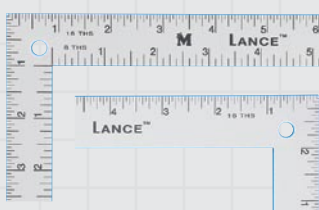


ALVIN® Aluminum Rulers

These aluminum rulers feature a stainless steel cutting edge on one side and a grooved rubber backing to prevent slipping. Graduated in inch and metric.

No.	Size	SRP
AS07-12	12"	\$7.95 ea
AS07-18	18"	10.95 ea
AS07-24	24"	13.95 ea
AS07-39	39"	21.95 ea

For more all-metal cutting straightedges, see Cutting Tools, page 237.



LANCE® Mini Aluminum L-Square

Each arm is calibrated on two edges of one side and one edge on the other. The short arm is also calibrated as a center-finding ruler on side two. 12" x 6".

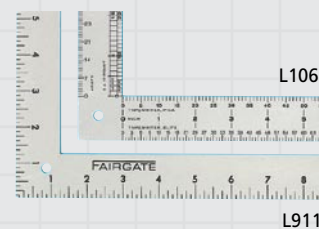
No. LS012 SRP \$13.95 ea



ALVIN® Aluminum Graphic/Office Rulers

Made of tempered aluminum with a scratch-resistant anodized finish. Sharp, engraved graduations in 32nds and 16ths. Extruded full-length finger grip in center of ruler for easy pick-up, reposition, or to hold firmly down.

No.	Size	SRP
GA12	12"	\$5.95 ea
GA18	18"	9.75 ea
GA24	24"	12.25 ea



FAIRGATE® Aluminum L-Square

L-square with 14" arm is calibrated in 1/2, 1/4, 1/8, 1/16, and 1/32. 24" arm is calibrated in 24ths, 1/3, and 2/3. Reverse side in inches and 1/8.

No. L106 SRP \$23.45 ea

FAIRGATE® Aluminum Proportional L-Square

Versatile L-square with proportional scale for both reductions and enlargements up to 32". 12 1/2" x 13 1/2".

No. L911 SRP \$17.65 ea



ALUMICOLOR™ 6" Drafting Fan

A convenient all-in-one tool made from aluminum that has standard architect, engineer, and metric scales. Eight blades of aluminum sheet riveted together.

No. 3699 SRP \$17.45 ea



ALVIN® Estimator's Pocket Tape

Architect graduations 1/4" and 1/8". Bright yellow enamel finish, smooth-running metal tape measures 1/4" wide and 60" long. Bold, easy-to-read graduations. Spring-action tape return and slide button tape lock. Compact and lightweight with convenient hanging cord. Blister-carded.

No. ET584 SRP \$8.95 ea

LUFKIN® Estimator's Pocket Tape

1/4" x 5' yellow clad steel blade tape with jet black markings. Spring-action return operation. Architects 1/8" and 1/4" graduations.

No. W393 SRP \$39.95 ea





LUFKIN®
Thin Line Pocket Tapes
Compact 1/4" wide, yellow clad 8' measuring tape in polished chrome case with spring-action blade return. Graduations in consecutive inches to 1/16", first 12" to 1/32". Markings are jet black on yellow 1/4" blades.

No. W608 SRP \$24.95 ea



LUFKIN® Economy Tape Measures
Yellow clad 1/2" tapes with black and red markings on one side. Lightweight, high-strength black matte finish case. Graduations in feet and inches to 1/16 on the top edge, in inches to 1/16 on the bottom edge (first 12" to 1/32), and 16" center studs printed in red.

No.	Size	SRP
Y8210	10'	\$11.95 ea
Y8212	12'	12.95 ea



LUFKIN® Power Return Tape
25' x 1" tape, protected by a clear Ny-Clad® coating and patented Quad Hook for longer blade life. Non-slip toggle lock holds blade securely, while rubber cushion absorbs impact and improves grip. Compact size for comfort and easy storage.

No. PS3425 SRP \$22.95 ea



LUFKIN® 2000 Series Power Tape
Silver metal clad tape features a rounded case with convenient top thumb lock. End hook is unbreakable and rubber bumper prolongs tape life. Graduated in feet and inches to 1/16. 1" x 25'.

No. L2125 SRP \$21.95 ea



LUFKIN® Magnetic Tape
Magnetic end hook for easy one-person measurements on any ferrous metal surface. 1" x 25'.

No. L725MAG SRP \$14.25 ea



LUFKIN® AutoLock Tape
Pull autolock blade out and it stays extended until the release is squeezed. 1" x 25'.

No. AL725 SRP \$12.50 ea



STANLEY® Longtape
3/8" wide white steel blade. 1/8" graduations. Smooth, easy rewinding action.

No.	Description	SRP
34103	50'	\$26.29 ea
34106	100'	35.99 ea



STANLEY® Powerlock Rule
25' x 1" wide blade rigid up to 7'. Power return. Attached belt clip.

No. 33425 SRP \$41.49 ea



LUFKIN® Pro Series Long Tape
3/4" x 100' fiberglass long tape with three interchangeable end hooks – folding, appraiser's, and self-measuring ring, and a 8.5" aluminum stake. Storage handle securely holds all hooks. Ample knob/handle clearance prevents skinned knuckles. Two-sided tape includes both fraction and foot/inches. 3:1 gear ratio winder for quick retrieval. Rotating mouthpiece reduces blade stress and helps maintain blade alignment.

No. PSFE100 SRP \$64.95 ea



Triangular Scale Tapes
Convenient, go-anywhere size. Each tape measure has three 24" coiled rule tapes inside, each with its own non-slip toggle lock and spring action return. Uniquely shaped plastic body. Architect model has 12 graduations: 16, 1, 1/2, 1/16, 1/8, 1/4, 1 1/2, 3, 3/4, 3/8, 3/16, and 3/32. Engineer model has six graduations: 10, 50, 40, 20, 60, and 30.

No.	Description	SRP
CB01	Architect	\$22.95 ea
CB02	Engineer	22.95 ea

Tally Counter
Record and count instantly with this precision counter. Easy action lever changes count with slight thumb pressure and a single side knob turn resets counter to zero. Four-digit register records up to 9999. Hand-held.

No. T544 SRP \$14.95 ea



GENERAL® Digital Fractional Caliper
0-6"/153mm, 3-mode display with decimal inch, fraction inch, and metric readings. Heavy-duty metal housing, convenient on/off feature, and rugged stainless steel construction. Reads in actual fractions, as well as decimals.

No. G147 SRP \$65.00 ea



GENERAL® Pocket Caliper
Precision-made, high-strength, fiberglass, reinforced plastic caliper. Opens to 3" outside measurement capacity. 4" rule is graduated in 16ths on the back. Inside/outside readings graduated in 32nds/mm.

No. G141ME SRP \$9.25 ea



GENERAL® 5" Pocket Slide Caliper
Stainless steel pocket slide caliper with a 5" rule, inside and outside reading in 16ths and 32nds, and decimal equivalents on the back. Individually carded.

No. V729 SRP \$21.50 ea



GENERAL® 6" Digital Caliper Direct Reading
Accurate digital measurements in both inches and metric. Swiss precision crafted with friction thumb roller. Four-way measurement: outside, inside, depth, and step. Right hand.

No. G143 SRP \$134.50 ea



GENERAL® Precision Swiss Dial Caliper
Features non-magnetic, high-impact lumalcore construction and large easy-to-read 1 1/2" diameter dial with .01" and 1/64" scales. Range: 6".

No. 80D SRP \$54.75 ea



GENERAL® 1" Micrometer

Features cutaway frame for tight measurements, decimal equivalents, and machine-cut black graduations reading in 1/1000". Measurement range 0" to 1". Instructions included. 1/box.

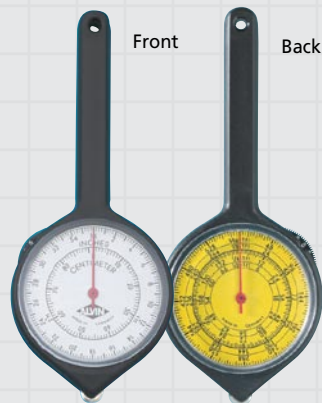
No. MC102 SRP \$29.00 ea



GENERAL® 6" Dial Caliper

Stainless steel construction for accuracy and durability. Large, clear dial reads to .001". Satin chrome scale with clearly etched lengths of inch graduations. Covered rack ensures smooth operation by preventing dirt and chips from entering rack and gear mechanism. Adjustable bezel for zero setting. Right hand.

No. G107 SRP \$56.00 ea



FOR SCALE	ONE REVOLUTION MEASURES
1/16" = 1'	576'
1/8" = 1'	288'
1/4" = 1'	144'
1/2" = 1'	72'
Inches	36"
Centimeters	1 Meter

ALVIN® Double Readout Plan Measure

Ideal for blueprints, map scaling, and drawing. Determines distances in miles or kilometers on maps and plans according to scales indicated on dial. Assures precision measurement forward or backward and follows curved lines. Precision metal gears are reset by revolution counter. Convenient handle for easy maneuverability. Two large, easy-to-read dials with unbreakable plastic faces. White dial graduated in inches and centimeters (36" = 92cm). Yellow dial graduated in 1/2", 1/4", 1/8", and 1/16" to the foot. Includes leather-like vinyl pouch for protection.

No. 1121 SRP \$43.45 ea



ALVIN® Two-Face Inch Counter

Includes ring for compact pocket use and large diameter for easy readout. One side is fitted with a special dial for exact measurement of straight lines and curves on technical plans, drawings, blueprints, etc. While the pointer indicates traced distance in inches, the counter disk registers it in feet. The second dial measures distances on maps or plans made to scales of 1/2", 1/4", and 1/8" to a foot and counts the number of full pointer revolutions.

No. 1118 SRP \$59.95 ea

ALVIN® Placom Digital Planimeter

Roller-type planimeter features unique 6-digit pulse count operation that permits cumulative measurement of areas up to 10m – 100 times the measuring capacity of ordinary planimeters. Includes hold and measuring control, clear liquid crystal digital readout, and scale readings in Metric or English. Enhanced with advanced micro-processors for accuracy. Easy roller operation – simply follow the outline of the area to be measured, the reading on the digital display corresponds to the area. Ideal for many applications where precise, large-area measurements are needed. Maximum measuring range: 325mm vertical; 30m horizontal. Accuracy: within ±0.2% (within ±2/1000 pulses). Packaged in a plastic carrying case with AC adapter (battery included) and operating instructions. Computing function gives the measurement readout in the scale desired (sq.ft., acres, etc.).



No. KP90N SRP \$975.00 ea

GENERAL® Serviceman's Precision Measuring Set

Four of the most useful measuring and marking tools for mechanics and machinists: 0-1" micrometer, 0-6" thousandth reading caliper, 6" rigid stainless steel rule in 8ths, 16ths, 32nds, and 64ths, and a tungsten carbide scriber with magnetic pickup.



No. GS004 SRP \$167.00 st



LANCE® 6" Digital Caliper

Features easy-to-see numbers, instant readings, adjustable zero function, and precision thumb roller. Convert from inches to metric and back with the push of a button. Measures four ways. Hardened stainless steel. Comes with hard case and owner's manual.

No. KCD150-5 SRP \$99.95 ea



GENERAL® Vernier 5" Slide Caliper

Features a fully enclosed sliding head and a sensitive roller adjustment. Constructed of polished drawn steel with depth gauge, locking lever, and inside/outside knife jaws. 1/128" or half a 64th. Graduations in 16ths and 32nds.

No. V721 \$21.00 ea



ALVIN® Two-Face Map, Plan or Curve Measure

Bright, nickel-plated finish with convenient handle and clear, unbreakable plastic lenses. For measuring distances on roads, curves, contours, maps, patterns, and drawings. Dial registers inches, half-inches, and centimeters up to 39" and 99cm. Also measures statute miles and nautical miles. Multiply for feet, yards, or miles.

No. 1111 SRP \$49.75 ea



ALVIN® Two-Face Inch Counter

The same as No. 1118, but with easy grip 1 1/2" long fixed handle. Packed in a leatherette case.

No. 1117 SRP \$68.25 ea



New ALVIN® Linear 1 Map Measurer

Features include plastic housing with a rotating counter and fast reset to zero, precision measuring wheel made of solid metal, and magnifier for easy readout through adjustable, protective bow. Made in Germany. 2 3/4" x 1 7/8" x 3/4".

No. 1125 SRP \$50.00 ea



SCALEX PlanWheel™ SA2

The perfect tool for taking scaled measurements from blueprints, maps, and plans. Select the built-in scale factor to match the plan, roll the PlanWheel™ and the measurement is displayed instantly. Features 111 built-in and thousands of available user-defined scale factors. Includes all common scales including Imperial and metric. Calculates square and cubic dimensions for regular areas and volumes. Counter and adder buttons on probe tip count items or add fixed lengths while scaling. Create, store, and retrieve two user-defined scale factors. Automatic shut-off assures long battery life. Protective case sold separately. Requires two AAA batteries (included). This PlanWheel™ cannot be interfaced with a computer.

No.	Description	SRP
SC00502	PlanWheel™ SA2	\$64.95 ea
SC00100	Protective case	9.95 ea



SCALEX MapWheel™

Measure distances on maps in straight lines or curves. Distance is displayed instantly. Features 19 built-in scale factors, including all common map scales, and the ability to enter custom map scales. Measures in miles, kilometers, and nautical miles only. Counter and adder buttons on probe tip count stops made or add fixed destination lengths while measuring. Requires two AAA batteries (included).

No. SC00700	SRP \$34.95 ea
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SCALEX PlanWheel™ XLU2

Designed especially for contractors, estimators, and surveyors. Handles any and all prints. In most situations, select any of the 111 common built-in scales, key in up to 19,998 user-settable scales. Calculates square and cubic dimensions for regular areas and volumes. Counter and adder buttons on probe tip count items or add fixed lengths while scaling. Create, store, and retrieve two user-defined scale factors. Protective case and computer interface kit sold separately. Connects to any Windows® application with XLU2 interface kit.

No.	Description	SRP
SC00552	PlanWheel™ XLU2	\$84.95 ea
SC00100	Protective case	9.95 ea

SCALEX Scale-Link™ WL

The industry's only wireless measuring tool. Quickly and easily measure prints and plans without the restriction of a cable. Just roll the scaler wheel along the print and then instantly transfer the measurement to any third party estimating software, spreadsheet, or database, with the click of a button. Includes PlanWheel WL™ scaler, Ready Connect™ software, charging cradle with USB cable, protective case, user manual, and rechargeable batteries. Cabled scaler still available.



No.	Description	SRP
SC02002	Scale-Link™ WL, wireless	\$299.95 ea
SC02001	Scale-Link™ USB2, cabled	124.95 ea

SCALEX XLU2 Interface Kit™

Allows the end user to connect the PlanWheel™ XLU2 to the PC. Kit includes Scalex software enabling any Windows® program to accept scaled measurements directly from the PlanWheel™, USB port cable, and instruction manual.



No. SC02552	SRP \$64.95 ea
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CALCULATED INDUSTRIES® Scale Master® Pro XE

Advanced linear digital plan measure with PC interface makes it easy to create linear, area, and volume takeoffs with speed, accuracy, and confidence when estimating, bidding, or planning. Ergonomic design is comfortable to hold, and the dual LCD displays are easy to read. Provides transfer capabilities from plans, blueprints, maps, and out of scale drawings. Features 91 built-in scales including 50 Imperial (feet/inch) units, 41 metric, and eight custom for out-of-scale drawings for maximum versatility. PC interface (cable sold separately) transfers rolled values directly into commonly used spreadsheets or estimating programs. 7.2" x 1.6" x 0.6" overall size. Two 3-volt lithium (CR-2430) batteries included. Requires optional 15' USB interface cable. Works with Windows® 2000, XP, and 32-bit Vista® operating systems.

No.	Description	SRP
DSM65	Scale Master® Pro XE	\$99.95 ea
DSM65A	Scale Master® Pro XE PC Interface Add-on Kit	79.95 ea
CA325	Scale Master® Pro XE with PC Interface Cable	149.95 ea
CA-W	Small Wheel Kit with Axle Screw	10.00 ea
DSMC	Neoprene Case for Scale Master	4.96 ea

NEW DESIGN

NEW DESIGN



CALCULATED INDUSTRIES® Scale Master® Pro

Linear digital plan measure is an ideal tool for preparing bids and estimates from plans and blueprints in the field or office. Get fast, accurate linear, area, and volume takeoffs from blueprints, drawings, and maps. Ergonomic design is comfortable to hold and dual LCD displays are easy to read. Features 72 built-in scales including six custom scales and two built-in memories. Quickly switch between metric and Imperial modes. A lock switch prevents accidental changes of scale or mode. Includes soft vinyl protective pouch, two long-life lithium batteries (CR-2430), and user's guide.

No.	Description	SRP
DSM64	Scale Master® Pro	\$69.95 ea
CA-W	Small Wheel Kit with Axle Screw	10.00 ea
DSMC	Neoprene Case for Scale Master®	4.96 ea



CALCULATED INDUSTRIES® Neoprene Case for Scale Master®

Fits models DSM64 and DSM65.

No. DSMC	SRP \$4.96 ea
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CALCULATED INDUSTRIES® Construction Master®5 and Construction Master® Pro

These feet-inch-fraction calculators feature a broad range of nearly automatic construction/math problem solutions. From its single key solutions to arc length, circumference, circle area, board feet conversions, and weight-per-volume conversions, this popular calculator works in most common construction or building dimensional formats. It adds, subtracts, multiplies, and divides in feet-inch-fractions, decimal feet (10ths, 100ths), inches, fractions, decimal inches, yards, meters, centimeters, millimeters, and square and cubic dimensions. Plus, it converts to and from any dimensional format. Model CA224 automatically finds lengths of rafters, regular (45°) and irregular (non-45°) hips, valleys and jacks, stair stringers, angle of incline, number of risers and treads for any landing-to-landing height, plus riser height and tread width. Covers practically any construction, building, or remodeling application. Features paperless tape for reviewing past 20 entries. Model CA227 features advanced dedicated key functions for blocks, roof areas, and footings. Enhanced stair, rafter, rake wall, and circular cone functions. Both models include easy-to-follow pocket reference guides in English and Spanish, English and Spanish How-To CD and user guides, long-life batteries, and a full one-year limited warranty.

No.	Description	SRP
CA224	Construction Master® 5	\$69.95 ea
CA227	Construction Master® Pro	79.95 ea



CA224



CA227

CALCULATED INDUSTRIES® Ultra Measure Master™

Professional-grade, feet-inch-fraction and metric dimensional calculator that delivers 60 of the most-needed Imperial-metric (SI) conversions resulting in over 400 conversion combinations. Converts to and from linear, area, volume, weight, weight-to-volume, linear velocity, flow rate, pressure, and much more. For engineers, contractors, purchasing agents, technicians, inspectors, or anyone needing a broad range of conversions. Includes 360° protective hard cover, easy-to-follow pocket reference guide, long-life battery, and full one-year warranty.

No. CA230 SRP \$49.95 ea



CALCULATED INDUSTRIES® Measure Master® Pro

This handy, easy-to-use tool for projects converts between dimensional formats including feet-inch-fractions, decimal feet-inch-fractions, yards, meters, centimeters, millimeters, areas, and volumes. Built-in functions make for faster, more accurate material estimates. Quickly solve circumference, circle area, and arcs. Dedicated length, width, and height keys provide fast answers for area, volume, square-up, and perimeter. Find weight, weight-per-volume, and more. Includes protective hard slide cover, easy-to-follow pocket reference guides in English and Spanish, long-life batteries, and a full one-year limited warranty.

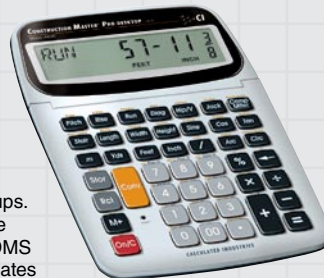
No. CA223 SRP \$39.95 ea



CALCULATED INDUSTRIES® Construction Master® Pro Desktop

Extra-large display and tilt head for office use. Works in and converts between all building dimensional formats. Solves right angles including rafters, rake-walls, slopes, and square-ups. Stair layout calculations. Complete circle solutions. Full trigonometric functions. DMS conversions. Areas and volumes. Calculates footing volume, blocks, roof area, board feet, material cost/estimation problems, and more. Includes easy-to-follow user's guide, CD-ROM with English and Spanish How-To CD and user guides, long-life battery, and full one year warranty.

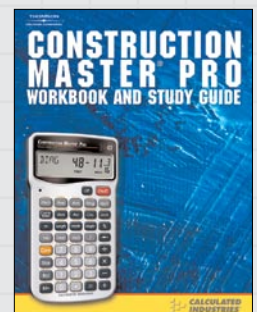
No. CA231 SRP \$89.95 ea



CALCULATED INDUSTRIES® Construction Master® Pro Workbook and Study Guide

Advanced feet-inch-fraction construction math power tool for education and training in the classroom or on the job. Organized in four modules for flexibility, following construction steps from site development to finishing. Learn how to master the Construction Master Pro as an essential tool for greater efficiency and productivity on the jobsite. Quickly solve routine construction problems or complex design and estimating challenges while reducing construction math errors. Pick-up tips to use time-saving features and functions. **Calculator not included.**

No. CA2140 SRP \$19.95 ea



CALCULATED INDUSTRIES® Construction Master® Pro Trig

Advanced construction math calculator with trigonometric functions for engineering and building professionals. Determine precise angle measurements and solve the most complex design and construction math problems. Built-in functions include stair calculations, common rafters, jack rafter key, circular key, and rake-wall key. Plus, estimate board feet quickly. Features user preferences, exponential notation, backspace to change just-entered values, constant operator, cost per unit, and paperless tape to review the last 20 entries. Operates as a standard math calculator. Includes protective hard cover, easy-to-follow user's guide, pocket reference guide, English and Spanish How-To CD and user guides, long-life batteries, and full one-year warranty.

No. CA225 SRP \$89.85 ea



CALCULATED INDUSTRIES® KitchenCalc™

Innovative time-saving kitchen aid that helps increase or decrease recipe yields or portions quickly and accurately. Includes user's guide, long-life battery, and a full one-year warranty.

No. CA300 SRP \$24.95 ea



CALCULATED INDUSTRIES® KitchenCalc™ Pro

Features two count up/down digital kitchen timers that operate independently or while using the calculator. An easy-to-clean, soft plastic cover protects keys during use. Includes user's guide, long-life battery, and a full one-year warranty.

No. CA305 SRP \$34.95 ea



SONIN® Inchmate® Plus Calculator

Instantly converts between feet/inches/fractions, decimal feet, and meters at the touch of a button. Patented, user-friendly entry system with dedicated fraction keys. Includes triangle calculation keys, long-lasting lithium battery with auto shut-off, tough, protective case with write-on strip, and one-year limited warranty.

No. DG110 SRP \$24.99 ea



SONIN® Electronic Distance Measuring Tool

Measure, add, multiply, and compute the square and cubic footage of one room or a whole house with just the press of a button. Narrow beam of sound waves bounce off solid objects back to the hand held receiver. Custom electronics and a microprocessor convert elapsed time into a distance measurement and display it on the LCD. Computes and adds both area and volume. Adds linear measurements, areas, and volumes. Measures from 1 1/2' up to 45'. Features automatic internal temperature compensation, auto shut-off, low battery warning, and tracking/validate modes. Measures in feet/inches and meters/centimeters. Accuracy is 99.5% plus or minus 1/4". Comes with instruction pamphlet and quick reference instruction label on back of unit, in English, French, and Spanish. Requires one 9-volt battery.

No. DG10045 SRP \$29.99 ea



SONIN® Laser Targeting Range Finder II

Ideal for anyone who needs fast measurements. Sleek, pocket-sized design. High-visibility laser shows aim while an ultrasonic beam takes an instant measurement up to 60 feet. Easy-to-read LCD displays measurements in feet/inch/fraction (to 1/4 inch), decimal feet, meters, or yards. Adds and subtracts linear measurements and easily computes area and volume. Easily recalls last five measurements. Comes with protective pouch. Requires one 9-volt battery (not included). Accuracy is 99.5% plus or minus 1/4".

No. DG10275 SRP \$45.99 ea



SONIN® Multi-Measure Combo Pro

Measures up to 250 feet when used with its electronic target. Uses both sound waves and an infrared beam. Measures up to 60 feet in single unit mode using ultrasound. Range may be longer or shorter depending on environmental factors. Accuracy is 99.5% plus or minus 1/4". Measure indoors or out. Ergonomic design makes it comfortable to use. Built-in calculator to add linear measurements and compute areas and volumes. Features intelligent software, improved accuracy, seven storage memories, easy-to-read LCD display, measures from front or back of unit, power indicator light on target, auto shut-off and durable protective carry pouch with belt loop. Requires two 9-volt batteries.

No. DG10300 SRP \$124.99 ea



SONIN® Inchmate® Pro Calculator

Calculate and convert between feet, inches, fractions-of-an-inch, decimal feet, yards, meters, centimeters, and millimeters including square and cube. Dedicated fraction keys for direct entry with a single stroke. Calculate area, circumference, and arc length of a circle. Easily calculates board feet, cost per unit, weight per volume, temperature conversions, and much more. Features triangle calculation keys, protective case, long-lasting lithium battery with auto shut-off, and one-year limited warranty.

No. DG210 SRP \$29.99 ea



SONIN® Inchmate® 2000 Construction Calculator

Calculate and convert between feet, inches, fractions-of-an-inch, decimal feet, yards, miles, kilometers, meters, centimeters, and millimeters including square and cube of each. Dedicated fraction keys for direct entry with a single stroke. Calculate area, circumference, and arc length of a circle. Easily calculates board feet, cost per unit, weight per volume, temperature conversions, construction functions, right angle calculations, stair calculations, weights and liquid units, and much more. Paperless tape stores up to 20 entries with easy review capabilities. Features protective flip-top cover, long-lasting lithium battery with auto shut-off, and one-year limited warranty.

No. DG220 SRP \$45.99 ea



ROLATAPE® Measure Masters®

For accurate line-to-line, wall-to-wall, vertical, overhead, and around curve measuring on firm surfaces, both indoors and out. Light and easy-to-handle, a favorite of realtors, appraisers, safety engineers, and traffic officers. Completely sealed safety green push button counter records in feet and inches up to 10,000 feet without resetting. Wide precision tires for solid traction on firm outdoor surfaces. Three-piece telescoping handle for easy storage and portability. Wheel circumference 1 foot. Diameter 4". Three-year warranty.

Single wheel unit collapsed measures 17¼" extending to 38½" for operation and weighs less than 2 lbs.

Dual wheels provide exceptional traction and stability. Handle collapsed measures 19¼", extending to 40½". Weighs 2 lbs.

No.	Description	SRP
MM12	Single Wheel	\$44.83 ea
MM12TWIN	Dual Wheel	66.25 ea



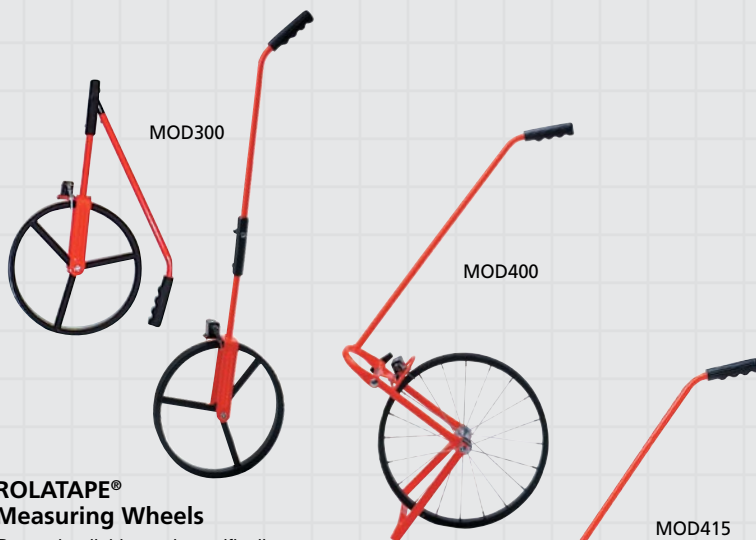
ROLATAPE® Measure Masters®

Specially crafted handle ensures firm grip, ease of operation. Support ribs on handle socket for added strength. Completely sealed counter records in feet and inches up to 10,000 feet without resetting. Lift and lock folding handle for easy storage. Safety-green counter casings. Three-year warranty.

Single wheel features accurate long run measuring for indoor and outdoor jobs. Unit collapsed measures 22¼", extending to 40" for operation. Wheel diameter 11¼". Weighs 5 lbs.

Large wheel heavy-duty construction features a sturdy 5-foot circumference wheel for precision all weather field measurements over rough or uneven terrain. Precision calibrated wheel with Neoprene tire for outstanding traction and durability. Wheel circumference 5 feet. Wheel diameter 19". Weighs 6 lbs.

No.	Description	SRP
MM30	Single Wheel	\$103.28 ea
MM50	Large Wheel	119.00 ea



CALCULATED INDUSTRIES® DigiRoller Plus II

Get fast, accurate measurements for on-site linear, area, and volume estimates. The perfect tool for any pro that needs fast, affordable one-person measurements, indoors or out. Step-saving functions calculate and store intermediate and total lengths, find square areas, cubic volumes, and more for up to nine different areas. Unique data storage capability helps reduce field notes and costly miscalculations. Large, easy-to-read LCD displays measurements to 999,999.9 feet (or meters, yards, inches) with full display spell-outs and built-in LCD contrast control. Convenient kickstand folds out of the way when not needed. Wheel circumference 1 meter (39¾"). Wheel diameter 0.319 meter (12⁹/₁₆"). Weight 6 lbs. Full one-year warranty.



No. CA425	SRP \$169.95 ea
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ROLATAPE® Measuring Wheels

Rugged, reliable, and specifically designed for heavy-duty field use. Specially-crafted hand grip provides firm control and easy operation even over rough terrain. Completely sealed counter measures up to 100,000 feet without resetting. Powder-coat finish. Five-year warranty.

Measuring wheel is suitable for landscaping, fencing, irrigation, seeding, fertilizing, and golf course measuring needs. Equipped with lift-and-lock folding handle. Precision-calibrated wheel rimmed with hard-rubber tread for solid traction and superior balance. Includes strong, self-lubricating, wheel bearings. Wheel circumference 3 feet. Wheel diameter 11¼". Weighs 5 lbs.

Large outdoor measuring wheel is ideal for engineers, surveyors, and contractors. Wide Neoprene tire provides positive traction and extra long wear. Automatic brake prevents accidental backtracking to ensure accuracy. Built-in stand keeps wheel in upright position. Spokes set at 2¼" for estimating measurements less than one foot. Wheel circumference 4 feet. Wheel diameter 15½". Weighs 8 lbs.

Solid disk measuring wheel is engineered with a coated steel disk wheel that allows easy movement through brush and undergrowth. Measurements on disk for inches and tenths of feet. Powder-coat finish. Wheel circumference 4 feet. Wheel diameter 15½". Weighs 10 lbs. Five-year warranty.

No.	Description	SRP
MOD300	Measuring Wheel	\$117.25 ea
MOD400	Large Outdoor Wheel	148.88 ea
MOD415	Solid Disk Wheel	155.00 ea

ROLATAPE® GUARANTEE

Measuring wheels are guaranteed to be free from defective material and workmanship as follows; the Measure Master® Series, for a period of three years from date of purchase, and the Rolatape® Professional Series, for a period of five years from date of purchase. If found defective within this period and returned prepaid, it will be repaired or replaced at our discretion without charge. Guarantee is void if the measuring wheel has been taken apart, damaged, oiled, or used improperly and thus cannot be repaired or replaced at no charge.