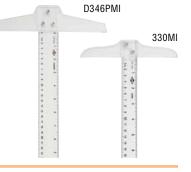
#### ALVIN® \$12 **Plastic Academic T-Squares**

Clear plastic T-square with inch and metric calibrations. Made of crystal-clear Dunilon. 12" has two bevels, 18" and 24" have double inking edge. Easy to see through to underline notes, draw columns, or check layouts.

No.	Size	SRP
330MI	12"	\$15.25 ea
D346PMI	18"	30.55 ea
D365PMI	24"	30.55 ea





#### **HELIX®**

#### **Plastic T-Squares**

Beveled blade for drawing with both inch and metric graduations.

No.	Size	SRP
H20002	12"	\$4.39 ea
H20008	18"	8.69 ea



Economically designed for academic use. Seasoned hardwood construction with practical, attractive natural finish and smooth finished edges for precise drawing. Fixed head secured with epoxy plus metal fasteners

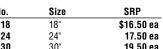
No.	Size	SRP
W18	18"	\$7.35 ea
W21	21"	8.75 ea
W24	24"	9.35 ea
W30	30"	10.90 ea



#### ALVIN® \$12 **Clear Acrylic T-Squares**

A full view is provided through 100% acrylic blade. Relieved edge prevents ink from under-flowing onto drawing.

" \$16.50 ea
" 17.50 ea
" 19.50 ea
" 21.50 ea





#### **ALVIN®**

#### **Stainless Steel Graduated T-Squares**

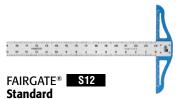
11/2" stainless steel blade. Top edge graduations in inches with 1/32" divisions. Lower edge graduations in metric. Durable injection molded plastic head with inch and metric graduations.

No.	Size	SRP
AST18	18"	\$24.99 ea
AST24	24"	27.99 ea
AST30	30"	31.00 ea
AST36	36"	36.00 ea

#### **Aluminum Graduated T-Squares**

Aluminum blade is 11/2" wide x 1.6mm thick with a high-impact ABS molded head. Graduated in 16ths on both sides. Head is 9" wide and graduated in 1/8ths. Precision made for accuracy and longevity.

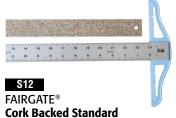
No.	Size	SRP
ALT12	12"	\$11.25 ea
ALT18	18"	12.99 ea
ALT24	24"	14.75 ea
ALT30	30"	16.50 ea
ALT36	36"	18.25 ea



#### Standard **Aluminum T-Squares**

11/2" wide aluminum blade with deeply cut, highly visible graduations. Blade securely riveted to durable, high-impact 9" wide plastic head. Blade graduation in 8ths and 16ths; head graduation in 8ths.

No.	Size	SRP
L12	12"	\$11.30 ea
L15	15"	12.05 ea
L18	18"	12.99 ea
L24	24"	14.80 ea
L30	30"	16.75 ea
L36	36"	18.40 ea



**Aluminum T-Squares** 11/2" wide aluminum blade with deeply cut, highly visible graduations. Cork backed, non-slip blade is securely riveted to durable, high-impact 9" wide plastic head.

Blade graduation in 8ths and 16ths; head graduation in 8ths.

No.	Size	SRP
CBT12	12"	\$11.50 ea
CBT15	15"	12.60 ea
CBT18	18"	13.65 ea
CBT24	24"	16.30 ea
CBT30	30"	18.50 ea
CBT36	36"	19.99 ea

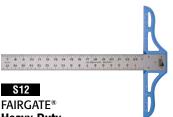


#### **ALVIN**® **Stainless Steel**

#### **Professional Graduated T-Squares**

Features a 1½" wide spring-tempered stainless steel blade and black cast aluminum head, securely riveted. Graduations using highly durable UV-cured black ink are calibrated in 8th and 16ths. Head is 111/2" wide and blade is 1.2mm thick. Precision made for accuracy, durability, and longevity.

No.	Size	SRP
SST18	18"	\$41.50 ea
SST24	24"	45.75 ea
SST30	30"	51.00 ea
SST36	36"	61.00 ea
SST42	42"	65.00 ea
SST48	48"	71.00 ea



### **Heavy-Duty** Aluminum T-Squares

Heavy gauge 2" wide aluminum blade with deeply cut, highly visible graduations. Blade securely riveted to durable, highimpact 14" wide plastic head. Blade graduation in 8ths and 16ths; head graduation in 8ths. Larger sizes available by special order.

Size	SRP
24"	\$27.90 ea
30"	33.60 ea
36"	36.30 ea
42"	41.60 ea
48"	50.50 ea
	24" 30" 36" 42"



#### Stainless Steel **Professional T-Squares**

Features a 11/2" wide spring-tempered stainless steel blade and black cast aluminum head, securely riveted. No graduations. Head is 111/2" wide and blade is 1.2mm thick. Precision-made for accuracy, durability, and longevity.

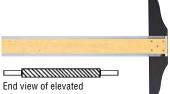
No.	Size	SRP
S/S18	18"	\$34.25 ea
S/S24	24"	39.50 ea
S/S30	30"	44.50 ea
S/S36	36"	51.50 ea
S/S42	42"	57.50 ea
S/S48	48"	64.99 ea



#### **ALUMICOLOR®** Standard T-Squares

Features shatterproof ABF plastic head and 11/2" wide tempered aluminum shaft calibrated in inches and centimeters. Photo-anodized calibrations are a permanent part of the aluminum and will never fade or rub off over time.

No.	Size	SRP
2130-1	12"	\$12.50 ea
2132-1	18"	15.50 ea
2133-1	24"	16.50 ea
2134-1	30"	19.25 ea



edge construction

#### **S12 ALVIN®**

#### **Transparent Edge T-Squares**

Selected hardwood blade for strength and straightness. Elevated, see-through acrylic edges for smudge-free line work. Smooth wood head attached with five screws for long-lasting squareness.

No.	Size	SRP
C18	18"	\$16.25 ea
C21	21"	17.75 ea
C24	24"	19.25 ea
C30	30"	21.99 ea
C36	36"	25.99 ea
C42	42"	30 99 ea

# GRADUATIONS: (unless otherwise noted)

Architect scales: 3/32, 3/16, 1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½,

3" to the foot; one edge to 16ths

No.

Engineer scales: 10, 20, 30, 40, 50, 60 parts to the inch

Mechanical drafting scales: 1/8, 1/4, 1/2, 1" to the foot; 1/4,

3/8, 1/2, 3/4 size; 50ths and 16ths



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
30ATS	Architect
31ATS	Engineer
37ATS	Metric, 1:100, 1:200, 1:300,
	1:400, 1:500, 1:600
SRP \$11.90	) ea



#### 600 Series **6" Plastic Triangular Scales**

High-quality scales made from highimpact plastic with white, non-reflecting, matte faces and tapered edges. Printed graduations and color-coded furrows.

No.	Description	SRP
610A	Architect	\$6.70 ea
610E	Engineer	6.70 ea
P600C	Set of two (one each)	12.20 st



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.

No.	Description	SRP
669DZ	Bagged, 12-pack	\$12.50 dz
669BC	Blister-carded,	2.10 pk
	2-pack	·



# **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.

Description

SRP

		•
Architec	t	
110P	White	\$5.25 ea
110PC	White,	5.50 ea
	blister-carded	
110PY	Yellow	5.00 ea
Enginee	r	
111P	White	5.25 ea
111PC	White,	5.50 ea
	blister-carded	
111PY	Yellow	5.00 ea
Mechan	ical drafting (architect/e	engineer)
110PX	White	5.25 ea
110PXY	Yellow	5.00 ea
Metric (	vhite, 30cm)	
117PM	. ,	5.25 ea
	1:40, 1:50,	0.2000
	1:80, 1:100	
121PM	1:100, 1:200,	5.25 ea
	1:250, 1:300,	
	1:400, 1:500	
Combina	ation (English/metric)	
119PC	1:100 metric,	5.25 ea
	10 and 50 parts to the	inch,
	1/4, 1/2 size; 50ths an	d 32nds,
	full size	
120PC		
	50ths and 16ths full si	ze, 1/4,



1/2 size, 1/8 and 1/4 = 1 foot

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

plastic case. 12".

No.	Description	
240BP	Architect	
241BP	Engineer	
SRP \$16 5	in ea	



High-quality scales made from highimpact, boxwood-color plastic with tapered edges. Hot foil-stamped graduations and color-coded furrows. Supplied in plastic sleeve. 12".

No.	Description	
271P	Engineer	
270PX	Mechanical drafting	
SRP \$5.25 ea		



#### **ALVIN®**

#### **240P Series Plastic Professional Triangular Scales**

Professional-quality scales made from high-impact plastic with white, nonreflecting, matte faces and tapered edges. Machine-engraved graduations and colorcoded furrows. Supplied in hard plastic case 12"

No.	Description
240P	Architect,
	with left to right
	reading calibrations
241P	Engineer
244P	Mechanical drafting
247P	Metric, 30cm, 1:20, 1:333,
	1:40, 1:50, 1:80, 1:100
SRP \$16.50 ea	



#### 300 Series **Aluminum Triangular Scales**

High-quality, solid aluminum scales. Printed calibrations on a durable, ultrasmooth surface that resists stains and abrasions. Color-coded furrows.

No.	Size	SRP
Architect		_
304A	4"	\$8.99 ea
306A	6"	11.30 ea
312A	12"	16.25 ea
Engineer		
304E	4"	8.99 ea
306E	6"	11.30 ea
312E	12"	16.25 ea



#### **ALVIN®** 740PM Series **Metric Plastic Triangular Scales**

Professional-quality metric scales made from high-impact plastic with white, non-reflecting, matte faces and tapered edges. Hot-stamped graduations and color-coded furrows. Supplied in hard plastic case. 30cm.

No.	Description
740PM	1:20, 1:25, 1:50, 1:75,
	1:100, 1:125
742PM	1:100, 1:200, 1:250, 1:300,
	1:400, 1:500
743PM	1:100, 1:200, 1:300, 1:400,
	1:500, 1:600
744PM	1:2.5, 1:5, 1:10, 1:20,
	1:50, 1:100
748PM	1:20, 1:25, 1:331/3, 1:50,
	1:75, 1:100
SRP \$18.50	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. 12" supplied in hard plastic case. 18" and 24" supplied in plastic sleeve.

No.	Description	SRP
Architect		
2200M-1	12"	\$23.95 ea
2200M-118	18"	31.75 ea
2200M-124	24"	45.95 ea
Engineer		
2200M-2	12"	23.95 ea
Metric		
2200M-3	30cm, 1:20,	23.95 ea
	1:25, 1:50, 1:75,	
	1:100, 1:125	
2200M-5	30cm, 1:100,	23.95 ea
	1:200, 1:250,	
	1:300, 1:400, 1:5	500
2200M-6	30cm, 1:500,	23.95 ea
	1:1000, 1:1250,	
	1:1500, 1:2000,	1:2500





**S12** 

#### **ALUMICOLOR® 3000 Series Colored Aluminum Triangular Scales**

Lightweight, professional-quality scales are made from color-anodized aluminum with printed graduations on ultra-smooth. mark-resistant surface. Supplied in hard plastic case.

No.	Description	
6" scales,	solid core	
Architect		
3010-1	Silver	
3010-2	Gold	
3010-4	Red	
3010-5	Blue	
3010-9	Black	
SRP \$6.95	i ea	
Engineer		

3210-1 Silver 3210-2 Gold 3210-4 Red 3210-5 Blue 3210-9 Black

SRP \$6.95 ea

Metric (15cm)

3410-1

Silver, 1:100, 1:200, 1:250,

1:300, 1:400, 1:500

#### SRP \$6.95 ea

Combo (inch/metric) 1/8 and 1/4 = 1 foot; 16ths full size. 10 and 50 parts to the inch 1:100 and 1:500 metric

3610-1 Silver SRP \$6.95 ea

#### 12" scales, hollow core

Architect

3030-2 Gold 3030-9 Black SRP \$10.75 ea

Engineer

3230-1 Silver 3230-2 Gold 3230-9 Black SRP \$10.75 ea

Metric (30cm)

3430-1 Silver, 1:100, 1:200, 1:250, 1:300, 1:400, 1:500

SRP \$10.75 ea

#### 12" scales, solid core

Architect

3050-1 SRP \$15.95 ea

Engineer

3250-1 Silver SRP \$15.95 ea



#### **S12**

#### ALUMICOLOR™ 3000 Series **Colored 6" Aluminum Triangular Scale Display**

Size: 61/2"w x 10"h x 43/4"d Contents: 35 total scales in silver, blue and black: 15 architect scales, 15 engineer scales, 5 combo scales

No. A3300D SRP \$225.00



#### FAIRGATE®

TM12

#### 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. Sold individually, shrink-wrapped.

No.	Size	)		SI	RP
Archite	ct				
TA6	6"			\$13	.40 ea
TA12	12"			16	.25 ea
TA18	18"			23	.90 ea
TA24	24"			25	.45 ea
TA36	36"			38	.40 ea
Engine	er				
TE6	6"			13	.40 ea
TE12	12"			16	.25 ea
TE18	18"			23	.90 ea
TE24	24"			25	.45 ea
Metric	1.20 1.25	1:50	1.75	1.100	1.125

30cm

17.40 ea



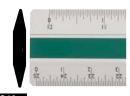
#### **S12**

**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. 12".

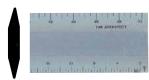
No.	Description	
98/ARC	Architect	
98/ENG	Engineer	
SRP \$25.9	9 ea	



#### **ALVIN**® 764 Series **English/Metric Mechanical Draftsmen Flat Scale**

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

No. 764PM SRP \$12.00 ea



#### ALUMICOLOR® \$12 Series L2R™ **Aluminum Scale**

Architect scale has ultra-smooth edges and a slim profile. Left-to-right reading printed graduations won't rub off. 12" divided: 1/8, 1/4, 1/16, and 1/32 to the foot, 4-bevel, flat.

No. 3136-1 SRP \$14.25 ea



#### ALVIN® **Hollow Aluminum** 12" Triangular Scales

Durable, high-quality hollow scales made of extruded aluminum. Photo anodized calibrations. Lightweight for easy portability. Comes with a hard plastic case.

No.	Description	SRP
HC12A	Architect	\$10.95 ea
HC12E	Engineer	10.95 ea



#### STAEDTLER® 12" Flat **Architectural Scale**

Four bevel scale for use in making or measuring from reduced scale drawings. Easy to read, long lasting black graduations on a white, non-glare body. Durable and lightweight plastic.

No. 5618910BK SRP \$9.99 ea







#### ALVIN® \$12

#### Series 260 White Plastic Flat Scales

Four-bevel white scales made of high-impact plastic. Printed graduations.

No.	Description	SRP
260P ◆	12" divided: 1/8", 1/4", 1/2", 1", 3/8", 3/4", 1½", and 3" to the foot	\$11.95 ea
261P ●	12" divided, not double-numbered:	11.95 ea
	10, 30, 40, and 50 parts to the inch	
266P ◆	6" divided: 1/8", 1/4", 1/2", 1", 1%", 1½", and 3" to the foot	16.00 ea
267P ●	6" divided, double numbered: 10, 30, 40, and	16.00 ea
	50 parts to the inch	
269P ●	6" divided, double numbered: 10, 20, 30, 40, 50, and	16.00 ea
	60 parts to the inch	

KEY: ◆ Architect ● Engineer



#### ALVIN® \$12 Series 280 White Plastic Flat Scales

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

No.	Graduations
280P	1/8" and 1/4" to the foot
280XP	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
<b>SRP \$13</b>	3.95 ea



# ALVIN® S12 Series 310 White Plastic Flat Pocket Scales

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

<b>310A</b> ♦ 1/8, 1/4, 1/2, 1, 3/8, 3/4,	
1½, and 3" to the foot	
<b>311E</b> ● 10 and 50, 30,	
and 40 parts to the inch	

SRP \$6.60 ea

KEY: ♦ Architect ● Engineer



#### ALVIN® S12 T Acrylic 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"	\$3.99 ea
T40-18	18"	5.45 ea



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 \$18.95 ea





#### \$12 **T**

#### **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, no choice.

No. FL14 SRP \$2.25 ea



S12 T ALVIN®

#### 12" Plastic Superflex Rulers Display Assortment

Size: 6½"w x 5/8"w x 12¾"d Contents: 28 assorted rulers

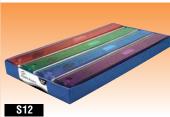
No. FL14D SRP \$59.40



# ALVIN® S12 12" Plastic Ruler

Transparent, shatter-resistant classroom ruler in assorted colors, no choice. 1½" wide.

No. FL02 SRP \$2.35 ea



### ALVIN®

#### 12" Plastic Rulers Display Assortment

Size: 5"w x 11/4"w x 121/2" D Contents: 36 assorted rulers

No. FL02D SRP \$74.99



# ALVIN® S12 12" Plastic Ruler

Perfect for home, school, or office. Fluorescent color makes it easy to locate. English/metric graduations. 1¼" wide. Assorted colors, no choice.

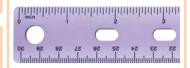
No. RT12 SRP \$1.89 ea



# 12" Fluorescent Plastic Rulers Display Assortment

Size: 5"w x 11/4"w x 121/4"d Contents: 48 assorted rulers

No. RT12D SRP \$85.00



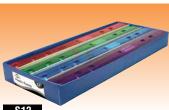
#### **S12**

#### **ALVIN**®

#### 12" Plastic 3-Ring Binder Ruler

Transparent, shatter-resistant classroom ruler in assorted colors, no choice. Fits in 3-ring binders.

No. FL01 SRP \$1.55 ea

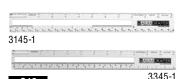


### ALVIN®

#### 12" Plastic 3-Ring Binder Rulers Display Assortment

Size: 7½"w x 1¼"w x 12½"d Contents: 48 assorted rulers

No. FL01D SRP \$69.99



#### ALUMICOLOR®

#### 12" Alumidrafter™

Invented by a practicing architect, this multi-use tool gives the user all the advantages of a traditional triangular scale in addition to many other features, while solving the portability problem of its bulkier counterpart. Four tools in one! Measure and scale drawings, draw circles and arcs, draw angles and triangles, or use as a cutting edge. Standard architect and engineer graduations.

No.	Description	SRP
3145-1	Architect	\$9.50 ea
3345-1	Engineer	9.50 ea



### S06

#### C-THRU®

#### **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.

No.	Diameter	SRP
PS69	5"	\$5.50 ea
PS79	6"	7.25 ea
PS80	8"	8.70 ea



# C-THRU® S06 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.

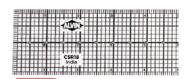
No. GA86 SRP \$4.90 ea



# C-THRU® S06 1334" Typesetting and Leading Gauge

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

No. GA96 SRP \$5.25 ea





#### ALVIN® **S15**

#### 18" Clear Graphic Arts Ruler

18" in length, 3mm thickness by 2" width. This graphic arts ruler is graduated in inches at both top and bottom and has a centering graduation in the middle to also be used as a centering ruler by having small circle cutouts every 1/2".

No. CSR18 SRP \$7.75 ea



#### C-THRU® \$06 **Beveled Graph Rulers**

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

No.	Size	SRP
B70	12"	\$3.55 ea
B85	18"	4.99 ea



#### C-THRU® S06 18" Pica Beveled Ruler

Marked with agate lines and inch graduations. Ideal for graphic arts use. 2" wide.

No. B90 SRP \$4.99 ea



#### C-THRU® \$06 24" 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" wide.

No. B97 SRP \$7.50 ea



#### **S10**

#### **HELIX®**

#### 12" Conversion Ruler

Unique design incorporates center conversion scale from metric to English and English to metric.

No. H37420 SRP \$2.59 ea

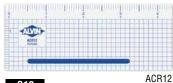


#### C-THRU®

#### **Standard Beveled Rulers**

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

No.	Size	SRP
B50	6"	\$1.99 ea
B60	12"	2.25 ea

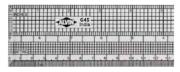


#### **ALVIN®**

#### **Cutting Edge Ruler**

Durable clear plastic features stainless steel cutting edge. Printed grid includes inch markings and centering lines. Ideal for both right and left-handed users. No-slip strips on one side for a stay-put grip, flip over for easy sliding.

No.	Size	SRP
ACR12	12"	\$8.99 ea
ACR20	20"	12.25 ea



### **ALVIN®**

#### **S15** 18" Clear Acrylic Grid Scale

18" length, 3mm thickenss by 2" wide. This gridding scale has small circular cut-outs at every 1/2". This rigid clear scale has grid marks 8x8 per sq. in.

No. G45 SRP \$3.99 ea



#### LUFKIN® S06 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 abrasiveresistant coating. Strong lock joints eliminate end play and retain accuracy. End caps and strike plates are brassplated. 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 \$37.99 ea

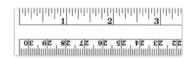


#### C-THRU®

#### **6" Protractor Rulers**

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

No.	Scale Graduations
W37	10 and 50 parts to the inch
W38	10 and 20 parts to the inch
W39	20 and 40 parts to the inch
SRP \$3.1	n 👝 .



#### C-THRU® S06 12" Co-Ed Plastic Ruler

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

No. 36 SRP \$1.25 ea



#### **FAIRGATE®**

#### **Fashion Designer's Carry All**

Deluxe kit includes 7 rulers, metric tape measure, awl, pencil compass and pattern making booklet in a cloth carrying case.

No. 15-100 SRP \$148.05 ea



#### **S12**

#### FAIRGATE®

#### **Fashion Designer's Kit**

Fashion designer's kit (metric) includes 4 rulers and pattern making booklet. Attached to a Fairgate backer board.

No. 15-102 SRP \$64.05 ea



#### **FAIRGATE®**

#### Cuff

Automatically gives accurate widths and lengths for any straight line cuffs. Calibrated two edges, one side, 8ths, 16ths,

No.	Size	SRP
14-100	12" x 1¼"	\$6.85 ea
14-101	12" x 1½"	6.85 ea
14-102	12" x 2"	8.45 ea
14-111	12" x 1¾"	7.40 ea



#### **S12**

#### FAIRGATE® **Eluxite Aluminum**

# Centering Rulers

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. 134" wide.

No.	Size	SRP
RC12	12"	\$4.85 ea
RC18	18"	9.45 ea
RC24	24"	17.35 ea
RC36	36"	18.90 ea
RC48	48"	20.20 ea



#### FAIRGATE® \$12 **Cork-Back Aluminum Rulers**

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"	\$5.85 ea
CR18	11/4" x 18"	7.95 ea
CR24	11/4" x 24"	9.55 ea
CR36	1½" x 36"	14.25 ea
CR48	1½" x 48"	26.20 ea



#### FAIRGATE® \$12 Aluminum English/Metric Ruler

Calibrated in 100cm/1 meter and 1/16". Ruler is 40" x 1%".

No. MS-100 SRP \$15.75 ea



# FAIRGATE® S12 Graduated Aluminum Straightedge Rulers

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"	\$10.75 ea
1005-36	36"	13.00 ea
1005-48	48"	20.25 ea
1005-60	60"	28.55 ea
1005-72	72"	38.40 ea



#### **S12**

#### FAIRGATE® English Ruler

Calibrated two edges, one side, 8ths, 16ths, english. 15" x 11/4"

No. 20-115 SRP \$5.45 ea



#### **\$12**

#### FAIRGATE®

#### English/Metric Ruler

English increments on bottom edge, Metric on top edge, Calibrated two edges, one side, english/metric combination, 32nds, cm.

No.	Size	SRP
20-315	6"/15cm	3.50 ea
20-330	12"/30cm	4.30 ea
20-360	24"/60cm	9.20 ea



#### S12

#### FAIRGATE®

#### **Aluminum Tenths Ruler**

Elimates tedious conversion of tenths or percentages to fractions. Calibrated two edges, one side. All rules are calibrated in inches by 1/10ths.

No.	Size	SRP
25-112	12" x 1"	\$9.05 ea
25-124	24" x 1"	11.90 ea
25-136	36" x 1"	17.90 ea



#### **S12**

# FAIRGATE® Half Scale Left to Right

For creating half-scale plans or drawings or obtaining quick, accurate "take-offs" from existing half-scale documents.
Calibrated one edge one side reading left to right (L/R) or right to left (R/L) with fractional markings. Actual 16ths, half-size 8ths left to right. 30" x 1".

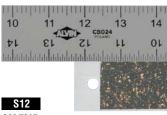
No. 42-130 SRP \$18.65 ea



# FAIRGATE® S12 Aluminum Straightedge Rulers

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 handing hole at one end.

No.	Size	SRP
AR701-12	7/8" x 12"	\$4.90 ea
AR701-18	1¼" x 18"	6.75 ea
AR701-24	11/4" x 24"	9.99 ea



#### ALVIN®

#### Cork-Backed Aluminum Inking Rulers

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

No.	Size	SRP
CB024	1½" x 24"	\$12.30 ea
CB036	2" x 36"	20.25 ea
CB048	2" x 48"	33.99 ea



# ALVIN® S12 ① Graduated Aluminum Rulers

Graduated on two edges of one side. Inches in 16ths and 8ths.

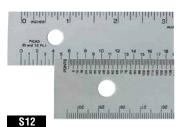
No.	Size	SRP
SE012	1" x 12"	\$5.95 ea
SE018	11/4" x 18"	8.50 ea
SE024	11/4" x 24"	11.50 ea
SE036	2" x 36"	22.60 ea



### ALUMICOLOR® **Yardstick**

End-to-end calibrations. Yard marks and 16ths. Lightweight, yet sturdy. 1/16" thick and 11/s"wide.

No. 8008 SRP \$5.25 ea



# ALUMICOLOR® Aluminum Rulers

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"	\$7.75 ea
4241-1	18"	9.75 ea



#### **\$12**

# ALUMICOLOR® Non-Slip Straight Edge

Neoprene non-slip backing grips better than cork and does not dry out or chip off. Ultra smooth edges and photo anodized calibrations make this ideal for inking and cutting against. More rigid than thin steel versions.

No.	Size	SRP
1571-1	12"	\$6.95 ea
1574-1	24"	9.95 ea



### ALVIN® S12 Aluminum Rulers

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

**End View** 

No.	Size	SRP
AS07-12	12"	\$9.50 ea
AS07-18	18"	12.99 ea
AS07-24	24"	16.75 ea
AS07-39	39"	26.75 ea



No.	Description	SRP
3705-1	Architect	\$29.95 st
3725-1	Engineer	29.95 st



#### **ALVIN®**

#### **6" Stainless Steel Pocket Rules**

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

No.	Graduations	SRP
1532	Graduated in	\$4.55 ea
	16ths, 32nds,	•
	and 64ths	
1533	Graduated in	4.55 ea
	mm to 15cm	
	and 32nds	



# GENERAL® SU6 12" Vocational Stainless Steel Ruler

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. Individually enveloped.

No. 1538 SRP \$11.99 ea



# GENERAL® S06 6" Vocational Stainless Steel Ruler

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

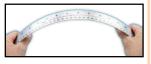
No. 1506 SRP \$6.55 ea



1/32" graduations for close work



Non-skid cork backing



#### S12 **T**

### 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. 11/4" wide.

No.	Size	SRP
R590-6	6"	\$2.79 ea
R590-12	12"	4.50 ea
R590-15	15"	5.95 ea
R590-18	18"	6.79 ea
R590-24	24"	8.99 ea
R590-36	36"	16.25 ea



#### **S12**

**ALVIN®** 

# Flexible Stainless Steel Rulers Display Assortment

Size: 8"w x 19"h x 4"d Contents: 48 assorted silver rulers

No. R590D SRP \$220.00

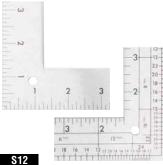


#### S12

### ALUMICOLOR® Stainless Steel Rulers

Flexible stainless steel rulers are an essential item for any artist or draftsman. Their non-slip cork backing adds value and functionality.

No.	Size	SRP
8012	12"	\$3.95 ea
8018	18"	5.95 ea

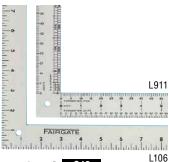


#### 312

# FAIRGATE® **Designer L-Square**

Used by fashion designers to transfer tape measurement of human figure to flat patterns. Each arm calibrated two edges, two sides. Long arm - Inches in 8ths. Inches in 24ths, 12ths, 6ths, 3rds, 2/3rds. Inches in 8ths on reverse. Short arm - Inches in 8ths. Inches in 32nds, 16ths, 8ths, 4ths, halves. Inches in 8ths on reverse.

No.	Size	SRP
50-108	16" x 8"	\$17.15 ea
50-235	615mm x 35	5mm 24.60 ea



# FAIRGATE® \$12 Aluminum L-Square

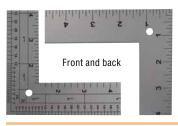
L-square with 14" arm is calibrated in 1/2, 1/4, 1/8, 1/16, and 1/32. 24" arm is calibrated in 24ths, 1/3, and 2/3. Reverse side in inches and 1/8.

No. L106 SRP \$24.60 ea

# FAIRGATE® S12 Aluminum Proportional L-Square

Proportional scale for both reductions and enlargements up to 32".  $12\frac{1}{2}$ " x  $13\frac{1}{2}$ ".

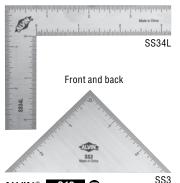
No. L911 SRP \$18.50 ea



#### ALVIN® \$12 Standard Aluminum L-Square

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. 24" x 14".

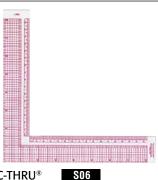
No. LS024 SRP \$27.40 ea



#### ALVIN® S12 T Stainless Steel Rulers

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

No.	Description
SS3	3" triangle
SS34L	3" x 4" L-square
SRP \$9.65 ea	



# C-THRU® 8" L-Square

Transparent plastic square is laminated for durability. Each leg is graduated in 8ths with an edge in 16ths and centimeters.

No. L808 SRP \$7.25 ea



# FAIRGATE® S12 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. 417 SRP \$19.50 ea



# S12 ALVIN® 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 \$16.60 ea



# ALVIN® 5' Estimator's Pocket Tape Measure

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

No. ET584 SRP \$12.99 ea



# LUFKIN® Thin Line 8' S06 Pocket Tape Measure

Yellow measuring tape in compact 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" wide blades.

No. W608 SRP \$37.99 ea

S12 **T ALVIN®** 100' Tape Measure

Unique style long tape measure in a yellow plastic housing with black rubber for easy grip.

A 1/2" steel yellow tape in both inch and metric measurements with 1/16 graduations. Speedy rewind with magnetic end and molded hook for easy measuring when alone. Tape measure comes with a wristband and an accessory belt loop attachment for easy carrying and easy release from the belt loop.

No. ATM0100 SRP \$43.99 ea



Hook magnetic end into starting point for easy and accurate measuring



#### 25' AutoLock Tape Measure

TRIANGULAR SCALE TAPE

inside, each with its own non-slip toggle

shaped plastic body. Six graduations: 10,

Description

Engineer

lock and spring action return. Uniquely

**Three-Sided Measure** Convenient, go-anywhere size. Tape measure has three 24" coiled rule tapes

50, 40, 20, 60, and 30.

CB02

SRP \$25.80 ea

Tape stays locked when pulled out until the user depresses the release button for retraction. Case designed to fit comfortably in your hand. Vertical quick read scale on blade. Ideal for layout and trim work. User can control tape easily.

No. AL725N SRP \$17.50 ea



No. G107

SRP \$63.95 ea

6"/153 mm, 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

GENERAL® S06

Stainless steel construction for accuracy

and durability. Large, clear dial reads to

by preventing dirt and chips from entering

rack and gear mechanism. Adjustable

bezel for zero setting. Right hand.

.001". Satin chrome scale with clearly

etched lengths of inch graduations. Covered rack ensures smooth operation

6" Dial Caliper

No. G147 SRP \$68.15 ea



#### GENERAL® S06 **6" Precision Swiss Dial Caliper**

Features non-magnetic, high-impact lumalcore construction. Features large, easy-to-read 11/2" diameter dial with .01" and 1/64" scales. Range: 6". (Manufacturers No. G-142).

No. 80D SRP \$55.50 ea



#### GENERAL® S06 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.

No. MC102 SRP \$32.10 ea



The same as No. 1118, but with easy grip 11/2" long fixed handle. Packed in a leatherette case.

No. 1117 SRP \$74.99 ea

S12 T **ALVIN®** 

#### 25' Tape Measure

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. Black and red graduations: feet into inches, 1/8", and 1/16", and centimeters to millimeters. Blister-carded...

No. ATM25 SRP \$18.39 ea



**LUFKIN®** 

1/4" wide.

No. W393

SRP \$57.50 ea

5' Estimator's

**Pocket Tape Measure** 

Yellow clad steel blade tape with jet black

markings. Spring-action return operation.

Architects 1/8" and 1/4" graduations.

#### LUFKIN® \$06 **Economy Tape Measures**

Yellow clad 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. 1/2" wide.

No. Size Y8210 10' \$16.99 ea Y8212 12' 18.75 ea

# **GENERAL®**

Constructed of steel with inside and

No. V722 SRP \$22.09 ea

### **Metric and English Vernier Caliper**

outside jaws, a full length depth gauge, lock for repetitive measurement, friction roller adjustment, and slide lock for gauging. Also features inside, outside depth and step measurement. Graduated in mm and 16ths of an inch with vernier reading of .1mm and 1/128". 5" capacity.

#### GENERAL® \$06 3" 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 \$9.65 ea



#### GENERAL® \$06 4" Pocket Slide Caliper

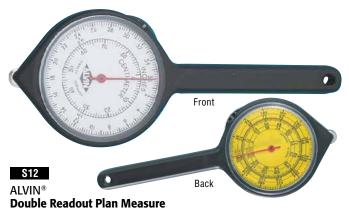
Stainless steel pocket slide caliper with a 5" rule, inside and outside reading in 16ths and 32nds, and decimal equivalents on the back. Individually carded.

No. V729 SRP \$20.60 ea



precision counter. Easy action lever changes count with slight thumb pressure and a single side knob turn resets counter to zero. Recommended for applications where operator must be mobile, such as engineering surveys, checking meeting attendance, or taking inventory counts. Four-digit register records up to 9999. Hand-held.

No. T544 SRP \$15.25 ea



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

No. 1121 SRP \$47.95 ea

pouch for protection.

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



#### PlanWheel™ XLU3 Measure

S05

**SCALEX** 

Designed especially for contractors, estimators, and surveyors. Handles any and all prints. Select any of the 111 common built-in scales or key in up to 19,998 user-setable 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 Windows interface kit sold separately.

SC00100

No.	Description	SRP
SC00552	PlanWheel	\$105.75 ea
	XLU3	
SC02552	XLU3	79.99 ea
	Interface kit	
SC00100	Protective case	11.99 ea



#### MapWheel™ Measure

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 \$45.99 ea



#### CALCULATED INDUSTRIES® Scale Master® Pro Measure

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 6 custom scales and 2 builtin memories. Quickly switch between metric and English 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	Plan measure	\$74.95 ea
CA-W	Small wheel kit	10.55 ea
	with axle screw	
DSMC	Neoprene case	5.20 ea



#### **SCALEX**

#### PlanWheel™ SA2 Measure

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	\$85.00 ea
SC00100	Protective case	11.99 ea



S02

# CALCULATED INDUSTRIES® Scale Master® Pro XE Measure

DSM65

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 English units, 41 metric, and 8 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. Interface add-on kit requires optional 15' USB interface cable and works with Windows 2000, XP, and 32-bit Vista operating systems.

No.	Description	SRP
DSM65	Plan measure	\$109.95 ea
DSM65A	interface cable PC interface	39.95 ea

No.	Description	SRP
CA-W	Small wheel kit with axle screw	10.55 ea
DSMC	Neoprene case	5.20 ea

#### **S02**

# CALCULATED INDUSTRIES® Measure Master® Pro Calculator

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 \$44.95 ea



#### **S02**

# CALCULATED INDUSTRIES® Ultra Measure Master™ Calculator

Professional-grade, feet-inch-fraction and metric dimensional calculator that delivers 60 of the most-needed Englishmetric (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 nedding a broad range of conversions. Includes 360° protective hard cover, easy-to-follow pocket reference guide, long-life battery, and full one-year limited warranty.

No. CA230 SRP \$44.95 ea



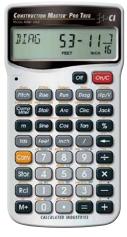


#### S02

# CALCULATED INDUSTRIES® Construction Master® Pro Desktop Calculator

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 CD-ROM with English and Spanish how-to CD and user guides, long-life battery, and full one-year limited warranty.

No. CA231 SRP \$89.95 ea



#### S02

# CALCULATED INDUSTRIES® Construction Master® Pro Trig Calculator

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, pocket reference guide, English and Spanish how-to CD and user guides, long-life batteries, and full one-year limited warranty.

No. CA225 SRP \$89.95 ea



#### S02

#### CALCULATED INDUSTRIES® Construction Master® Pro Calculator

Features "paperless" tape for reviewing past 20 entries. Construction Master Pro features new advanced dedicated key functions for blocks, roof areas and footings. Plus it has enhanced stair, rafter, rake wall and circular cone functions. Includes easy-to-follow pocket reference guide and how-to CD in English and Spanish, long-life batteries and a full one-year limited warranty. Also includes an Armadillo protective case.

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