



# MAKEPEACE

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S U R V E Y   S U P P L I E S

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**Magnetic Locators**

**Schonstedt GA-52Cx**

This locator detects the magnetic field of iron and steel objects, providing an audio signal that peaks in frequency when directly over the object. It has 5 sensitivity settings providing clear sharp signals. Modular construction, 40 hours operating time on (2) 9V batteries. Comes with a rugged case. Weight 2.5lbs. 7 year warranty.

Number	Description	List	Net
SH-GA-52Cx	Locator	(917.00)	\$797.79



**Schonstedt GA-72Cd**

This locator has all the features of the 52Cx plus easy to read digital and bar graph displaying signal strength and polarity, 4 sensitivity settings, 60 hour battery life on (2) 9V Lithium batteries included. Comes in a rugged case. Weight 2.5lbs. 5 year warranty.

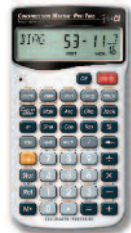
Number	Description	List	Net
SH-GA-72Cd	Locator	(1,041.00)	\$905.67

**Calculators**

**Construction Master Pro**

Advanced feet/inch/fraction construction math calculator sets the industry standard. Work in and convert between building dimensions. Run, rise and pitch keys provide solutions for stairs, roof and rafter layout. Calculate area, volume and perimeter. Complete stair layout and framing solutions. Circular calculations with arc, area and circumference. Perfect for layout, plans and estimates for contractors, engineers, architects and builders.

Number	Description	List	Net
CI-4065	Calculator	(79.95)	\$71.95



**Construction Master Pro Trig**

Feet/Inch/Fraction calculator provides trigonometric functions and solutions. Work in and convert between any building dimension. Calculate area, volumes, framing, stair layouts, right angle solutions, circular arcs, segments, circumference, solve complex design problems. For architects, engineers, project managers and builders.

Number	Description	List	Net
CI-4080	Calculator	(89.95)	\$79.95

**Ultra Measure Master**

Professional grade standard to metric conversion calculator with over 400 unit conversion combinations including linear, area, volumetric, weight, weight to volume, linear velocity, flow rate and pressure.

Number	Description	List	Net
CI-8025	Calculator	(49.95)	\$44.95



**Scale Master Pro XE**

Advanced digital plan measure makes it easy to do linear, area and volume take-offs with speed, accuracy and confidence. The Scale master has 91 built-in scales and 8 custom scales. Lets you roll, store and recall L, W and H values. Operates on (2) 3V lithium batteries.

Number	Description	List	Net
CI-6135	Scale Master ProXE	(99.95)	\$89.95



**ORDERING INFORMATION**

**Orders:** Call Toll Free 800-835-0194 between 8:30am–5:00pm EDT, Mon–Fri.  
**Payment:** MasterCard or VISA, company or personal check. You can establish a B.L. Makepeace charge account with a completed account application. Terms are Net 15 days for equipment and software; Supplies are Net 30 days; Rentals are Net on receipt of invoice. All sales are FOB shipping point.  
**Deliveries:** We ship most orders that are in stock within 24 hours of receipt. Shipments are made by Express-it Delivery in greater Boston, or by UPS outside greater Boston.  
**Returns:** All returns require our prior approval. Items may be returned at your expense within 90 days from the date of purchase for credit or exchange provided they are in "as new" condition and include all original packaging and accessories.  
**Damaged Goods:** All shipments are made FOB Makepeace or manufacturer's location. Title to the goods passes to you at the time the carrier takes possession of the shipment. For a claim to be considered you must retain all packaging materials for inspection.  
**Prices and Discounts:** Prices are subject to change without notice. This catalog displays manufacturer list prices and Makepeace net sale prices. Additional discounts, or volume discounts, may be available. Please inquire.

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## Field Books

### Book Styles

**Field Book:** left page with blue level-ruled horizontal lines and red or blue vertical lines with 6 columns. Right page grid style with 4, 8 or 10 squares per inch and single red or blue center vertical line.

**Level Book:** both pages with level-ruled horizontal lines and red/blue vertical lines. Six vertical columns per page.

### Binding Styles

**Hardbound:** a hardbound book with high-visibility synthetic leather covers. Pages are securely sewn and will not loosen.

**Polybound:** book with covers of heavy high-density polyethylene for maximum weather protection. Pages are securely sewn and will not loosen.

**Cardboard:** field book with covers that are of strong binder's board, a cloth spine and securely sewn pages that will not loosen.

**Spiralbound:** board covers with spiral wire spine.

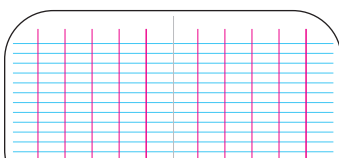
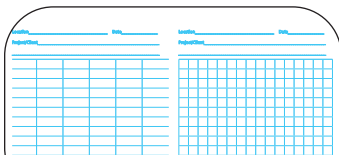
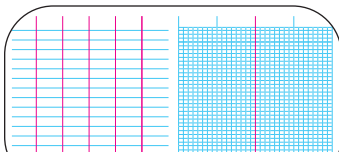
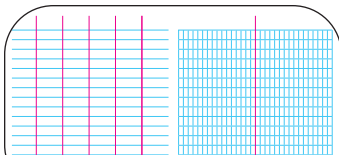
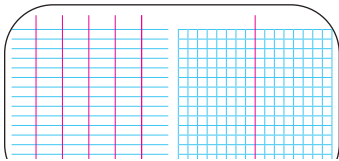
### Paper Grades

**100% Rag:** strong, all-cotton, archive grade sheet with hard, smooth, water-resistant, on-yellowing writing surface. Excellent writing take and good erasing quality.

**50% Rag:** white paper made with 50% cotton fiber for improved strength and moisture resistance. Good writing and erasing characteristics.

**Rite-in-the-Rain:** specially treated paper which can be written on while the surface is wet. Printed lines will not bleed or run. Ideal for use in tunnel work or other humid working conditions.

### PAGE DIAGRAMS



Number	Binding	Cover	Paper	Right Page	List	Sale
<b>Field Book</b>						
FBK-8152-60	Hardbound	Yellow	100% rag	4x4 squares/inch	(8.26)	\$6.82
FBK-FB842	Hardbound	Orange	100% rag	4x4 squares/inch	(10.98)	\$9.07
FBK-350F	Hardbound	Yellow	Rite in Rain	4x4 squares/inch	(17.95)	\$17.05
FBK-350	Polybound	Yellow	Rite in Rain	4x4 squares/inch	(17.95)	\$17.05

### Transit Field Book

FBK-8152-00	Hardbound	Yellow	100% rag	8x4 squares/inch	(7.74)	\$6.39
FBK-FB802	Hardbound	Orange	100% rag	8x4 squares/inch	(10.98)	\$9.07
FBK-300	Polybound	Yellow	Rite in Rain	8x4 squares/inch	(17.95)	\$17.05
FBK-FB3S2	Spiral Bound		50% rag	8x4 squares/inch	(4.98)	\$4.98
FBK-FB3N2	Cardboard		50% rag	8x4 squares/inch	(3.98)	\$3.98
FBK-300F	Hardbound	Yellow	Rite in Rain	8x11 squares/inch	(16.95)	\$16.10

### Engineer's Field Book

FBK-8152-30	Hardbound	Yellow	50% rag	10x10 squares/inch	(8.26)	\$6.82
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### Environmental

FBK-550	Polybound	Yellow	Rite in Rain	4 squares/inch	\$19.95	\$18.95
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Number	Binding	Cover	Paper	Book Size	List	Sale
<b>Level Book</b>						
FBK-8152-55	Hardbound	Yellow	100% rag	4 5/8" x 7 1/4"	(9.00)	\$7.43
FBK-310F	Hardbound	Yellow	Rite in Rain	4 5/8" x 7 1/4"	(17.95)	\$17.05
FBK-8152-50	Hardbound	Yellow	100% rag	3 7/8" x 6 1/2"	(9.00)	\$7.43

**Prisms**



**SI Precision**

Premium Prism Assembly comes with 0-30mm offset. Prisms are manufactured to 2 arc second accuracy, silver coated with epoxy overcoat to protect against moisture. All metal prism canister. Tilt orange targets are high quality anodized aluminum, stainless steel and brass.

Number	Description	List	Net
IN-3050-O	Single Tilt Prism	(192.90)	<b>\$144.68</b>



**SI Mini Prism**

Mini prisms are manufactured to the same 2 arc second accuracy as the 62.5mm prisms and silver coated with epoxy overcoating. Tilt assembly has side level bubble, carrying case, plumb bob point and adapter.

Number	Description	List	Net
IN-4050-R-SB	Mini Prism Kit	(164.90)	<b>\$123.68</b>



**Omni Single Prism**

Omni advanced prism system offers high optical quality prisms, coated to prevent loss of reflectivity and to protect surface from adverse conditions. All metal holder has quick release locking mechanism.

Number	Description	List	Net
ON-9300	Single Tilt Prism	(209.00)	<b>\$167.20</b>



**Omni Mini Prism**

One of the most rugged assemblies in the industry. Prism is ground to +/- 2 arc seconds, the frame is steel and aluminum construction, center or side level vial, 0-30mm offset. Kit comes with padded bag, PB point and PB holder.

Number	Description	List	Net
ON-1600	Mini Prism Kit	(149.00)	<b>\$119.20</b>



**Topcon Prism**

2 1/2" diameter single prism with its own single holder that can be tilted +/- 40 degrees. It comes with a target plate and large locking screw.

Number	Description	List	Net
TC-51803	Prism only	(185.00)	<b>\$148.00</b>
TC-51913	Prism Holder	(228.00)	<b>\$182.40</b>

**Prism Poles**

**Stakeout Pole**

Seco Stakeout Pole is 1.28ft, in length with sturdy aluminum construction and vial. Weight 1.5 lb.

Number	Description	List	Net
SE-5010-00	Mini Stakeout Pole	(78.95)	<b>\$67.11</b>

**Mini Prism Pole**

Seco Mini Pole extends to 5.10ft and collapses to 2.7ft. Features adjustable tip and TLV (twist lock with vial). Weight 2.3 lbs.

Number	Description	List	Net
SE-5500-23	Mini Prism Pole	(209.95)	<b>\$167.96</b>

**Twist Lock Prism Pole**

Seco Twist Lock Pole is made of sturdy aluminum construction, wear resistant twist lock that is easy to tighten. 40 min vial and adjustable tip.

Number	Description	List	Net
SE-5500-11	Prism Pole 8ft	(169.95)	<b>\$135.96</b>
SE-5500-21	Prism Pole 12ft	(209.95)	<b>\$167.96</b>
SE-5500-30	Prism Pole 15ft	(249.95)	<b>\$199.99</b>

**Quick Lever Prism Pole**

Seco Quick Lever Prism Pole with vial (QLV) allows fast, simple setups and easy locking. Both the lever and vial are adjustable.

Number	Description	List	Net
SE-5801-10	Prism Pole 8ft	(169.95)	<b>\$135.96</b>
SE-5801-20	Prism Pole 12ft	(223.95)	<b>\$179.16</b>

**SI Talon Prism Pole**

SI Precision Talon Series Poles are super light-weight but made of high strength aluminum tubing. Poles come with a fine adjust precision tip and exclusive SNAP-LOC mechanism with easy lever actuation.

Number	Description	List	Net
IN-4600-R	Prism Pole 8ft	(159.90)	<b>\$127.92</b>
IN-4604-R	Prism Pole 12ft	(210.90)	<b>\$168.72</b>
IN-4608-R	Prism Pole 15ft	(285.90)	<b>\$228.72</b>

**Composite Prism Poles**

Lightweight fiberglass pole with Grip-Tite locking clamps, precision point, Topo shoe screws on over normal point and stores under vial assembly when not in use, large easy to read vial and an adjustable prism mount on top with lock washer.

Number	Description	List	Net
SE-5540-10	8ft Prism Pole	(169.95)	<b>\$144.46</b>
SE-5540-20	12ft Prism Pole	(229.95)	<b>\$183.96</b>
CN-90200	15ft Prism Pole	(342.00)	<b>\$273.60</b>



TriPods



Trimax Tripod

Crain Trimax Tripod is the only survey grade tripod with certified accuracy and a 5 year warranty. Constructed of fiberglass with metal head, shoes and hinges, replaceable steel points and a quick-lock clamp design.

Number	Description	List	Net
CN-90550	Trimax Tripod	(407.95)	\$326.36

Sokkia Wood Tripod

Made of North American maple with all metal hardware. The hinges are self adjusting with nylon bushings. Thumb screw leg clamps provide secure locking power. The tripod shoes have large spurs and hardened steel replaceable tips. Inner wooden leg has recessed carrying handle.

Number	Description	List	Net
SK-7512-52	Premier Tripod	(275.00)	\$233.75

Nedo Wood Tripod

Nedo heavy duty wooden tripod features quick-clamping system, plastic coated tripod legs, snap-cap and carrying strap. 3.6ft collapsed to 5.5ft extended. It has a 6 1/2" diameter round head. Weight 16lbs.

Number	Description	List	Net
NE-200513	Wood Tripod	(232.00)	\$185.60

Sokkia Wood/Fiberglass Tripod

Sokkia's W/F tripod features center legs with protective coating that seals against moisture, fiberglass dowels and sturdy metal/fiberglass hardware for shoes, clamps and head. Quick lock clamps for easy operation.

Number	Description	List	Net
SK-7242-82	Wood Tripod	(120.00)	\$96.00

Nedo Heavy Duty Aluminum Tripod

Nedo heavy duty aluminum tripod is the same as the 200513 wood tripod but with aluminum legs and dowels. Weight 14lbs.

Number	Description	List	Net
NE-200524	Aluminum Tripod	(232.00)	\$185.60

Nedo Aluminum Tripod

Nedo medium weight aluminum tripods are suitable for levels, theodolites and lasers. They are robust and solid with a quick-clamping system. Extends to 5.6ft. Tripod head is flat and 5 1/2" across. Weight 11lbs.

Number	Description	List	Net
NE-200200	Aluminum Tripod	(160.00)	\$128.00

Light-weight Aluminum Tripod

Star Trak aluminum tripod with quick lock clamping system. Suitable for levels and theodolites.

Number	Description	List	Net
ST-ST2	Alum Tripod	(165.00)	\$115.50



Bipods

SI Precision Bipod

Bipods/Tripods have an exclusive trigger release head with protective rubber inserts and push button release legs.

Number	Description	List	Net
IN-4700-R	Prism Pole Bipod	(169.90)	\$135.92
IN-4705-R	Prism Pole Tripod	(201.90)	\$161.52

TRIBRACHS AND ADAPTERS



Topcon Tribach

Built in 2.2x optical plummet and Topcon's exclusive see through center that allows use of the instrument's own optical plummet.

Number	Description	List	Net
TC-55501	Tribach 10 w/OP	(490.00)	\$367.50



Tribrach Adapters

Topcon Rotating Adapter has anodized aluminum body with rotating top plate, machined brass post and studs. Fits all tribrachs.

Number	Description	List	Net
TC-51841	Rotating Adapter	(75.00)	\$60.00



Topcon S2 Adapter

High end tribrach adapter featuring fine horizontal movement. When used with Topcon's single prism and prism holder with target provides matched height

of prism to Total Station. It can be configured with a vial or its own OP.

Number	Description	List	Net
TC-51861	S2 Adapter	(279.00)	\$223.20

Measuring Tapes



Lufkin Red End Rules

Lufkin Red End folding rulers are made of 5/8" hardwood with graduations on both sides and edges. 6 ft. in length.

Number	Description	List	Net
CO-066	Ruler (inches)	(15.64)	\$12.51
CO-1066D	Ruler (10ths)	(23.33)	\$18.66

Lufkin Fiberglass Tapes

Half inch wide yellow clad tape with black and red graduations on sturdy orange reel with large handle for fast rewind. Open reel design prevents dirt buildup.

Number	Description	List	Net
CO-FE100D	100ft Tape (10ths)	(22.00)	\$17.60
CO-FE150D	150ft Tape (10ths)	(29.45)	\$23.56
CO-FE200D	200ft Tape (10ths)	(34.00)	\$27.20



Power Return Tapes

1000 series

HiVis orange case with toggle lock, lightweight, designed to fit perfectly in the hand. Easy to read black graduations on 1" wide yellow blade. End hook and cushioned blade return.

Number	Description	List	Net
CO-HV1425D	25ft Tape (10ths)	(15.72)	\$14.58



2000 series

Same features as 1000 series but with chrome finished case.

Number	Description	List	Net
CO-2133D	33ft Tape (10ths)	(20.88)	\$16.70
CO-2325D	25ft Tape (10ths)	(18.07)	\$14.46



Architect's Pocket Scale

Yellow clad 5 ft. tape with black graduations. One side 1/4" scale, the other side has 1/8" scale.

Number	Description	List	Net
CO-W393	Pocket Scale	(35.30)	\$28.24



Sokkia/Esilon Fiberglass Tapes

PVC coated 1/4" fiberglass line with folding metal end hook. Lightweight virtually shatterproof case. Bright orange open reel with large winding handle.

Number	Description	List	Net
SK-8452-44	(10ths) 100ft	(44.95)	\$35.96
SK-8452-45	(10ths) 165ft	(57.95)	\$46.36
SK-8452-46	(10ths) 200ft	(76.95)	\$61.56



Lufkin Peerless Engineer's Tapes

Designed for engineers and surveyors. 4 arm nickel plated reel with rollers in each arm for smooth winding. Open frame construction with 1/4" wide chrome clad or yellow clad steel blade 0.16" thick. Long easy action winding handle that locks line in any position. Comes with end rings and conversion rule.

Number	Description	List	Net
CO-C1276D	100ft Chrome Clad	(333.61)	\$266.89
CO-C1278D	200ft Chrome Clad	(598.90)	\$479.12
CO-Y1276D	100ft Yellow Clad	(238.58)	\$190.86
CO-Y1278D	200ft Yellow Clad	(352.00)	\$281.60



RODS

Survey Rod

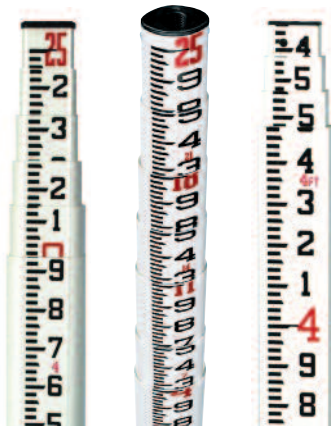
Crain SVR series fiberglass telescoping rods have a rectangular shape with rounded edges and wide glare resistant scales, tight locking mechanism with round buttons, light weight with reinforcing ribs and collapsed length of 58".

Number	Description	List	Net
CN-98010	(10ths) SVR 25ft	(214.95)	\$182.71
CN-90343	(10ths) SVR 16ft	(183.95)	\$156.36

Survey Rod

Sokkia SK fiberglass oval rod with epoxy coated graduations sized for maximum legibility. Sections fitted with glides for wear protection, height measuring scale on back and threaded socket on top section to mount a prism.

Number	Description	List	Net
SK-8073-48	(10ths) SK Rod	(180.00)	\$153.00



Construction Rod

Crain CR series fiberglass telescoping leveling rods have a rectangular shape, numbered scale fills the entire face of the rod. Scale on back allows for height readings. Waterproof and corrosion resistant with stand off ribs to protect scales. Easy mounting for laser detectors.

Number	Description	List	Net
CN-92041	(10ths) 16ft	(93.95)	\$75.16
CN-92042	(inches) 16ft	(93.95)	\$75.16
CN-92031	(10ths) 20ft	(116.95)	\$93.56

Builders Rod

Telescoping lightweight builders aluminum rod.

Number	Description	List	Net
ST-KT2-10	(10ths) 16ft	(59.00)	\$50.15
ST-KT2-FI	(inches) 16ft	(59.00)	\$50.15



**PK Nails**

Hardened zinc plated steel, heavily grooved for holding power with indentation on head for precise positioning of PB point. Box of 100.

Number	Description	List	Net
SK-8132-51	1/2" Nails	(5.54)	\$4.98
SK-8132-52	1" Nails	(8.17)	\$7.35
SK-8132-53	1 1/4" Nails	(12.09)	\$10.88
SK-8132-54	1 1/2" Nails	(16.13)	\$14.51
SK-8132-55	2" Nails	(18.54)	\$16.69
SK-8132-56	2 1/2" Nails	(23.00)	\$20.70



**MAG Nails**

Magnetized Nail for easy detection, coated with zinc to resist corrosion. Center point for centering.

Number	Description	List	Net
MG-1000	1" Nails	(8.90)	\$7.57
MG-1250	1 1/4" Nails	(12.75)	\$10.83
MG-1500	1 1/2" Nails	(17.30)	\$14.71
MG-2000	2" Nails	(20.35)	\$17.30
MG-2500	2 1/2" Nails	(24.99)	\$21.25



**Stake Tacks**

3/4" long steel with indentation in head. 1lb. box (@725 tacks).

Number	Description	List	Net
SK-8132-70	Stake Tacks	(10.78)	\$8.62



**Tac Ball**

Rubber ball with belt loop for holding stake tacks.

Number	Description	List	Net
SE-2180-00	Tac Ball	(8.95)	\$7.16



**Redimark Markers**

Leakproof seamless metal body, heavy duty felt point. Permanent water based ink, works on all porous and non porous Surfaces: glass, plastic, metals and more. Box of 12.

Number	Description	List	Net
DX-8717-box	Redimark Black	(27.47)	\$19.22
DX-8717	Redimark Black	(2.29)	\$1.72
DX-8711	Redimark Red	(2.29)	\$1.72



**Kiel**

Dixon Lumber Crayons. Waterproof, fade proof, smear proof. Works on metal, wood and concrete.

Number	Description	List	Net
DX-49600	Yellow Crayon	(10.65)	\$7.98
DX-52000	Red Crayon	(10.65)	\$7.98
DX-52100	Blue Crayon	(10.65)	\$7.98
DX-500A	Crayon Holder	(5.91)	\$4.73



**Aervoe Paint**

Superior upside-down marking paint designed for survey application. Best in quality for color visibility and durability, marks lasting up to 6 months. 20 oz. aerosol cans. Cases of 12.

Number	Description	List	Net
AE-222-CASE	Fluor Orange Paint	(57.24)	\$40.26
AE-224-CASE	Fluor Green Paint	(57.24)	\$40.26
AE-229-CASE	Fluor Pink Paint	(57.24)	\$40.26
AE-203-CASE	Blue Paint	(57.24)	\$40.26



**Machete**

22" polished blade with 5" plastic handle. Weight 21 oz.

Number	Description	List	Net
CH-21-100	22" Machete	(15.36)	\$13.06
CH-21-101	Sheath	(23.04)	\$19.59



**Carbide Scriber**

5 1/4 inch carbide point scriber for marking concrete, stone, steel or any hard surface.

Number	Description	List	Net
SK-8130-50	Carbide Scriber	(\$5.95)	\$5.36



**Plumb Bob**

Solid Brass with screw cap and replaceable steel points.

Number	Description	List	Net
SK-8122-16	Plumb Bob 16oz	(25.00)	<b>\$20.00</b>
SK-8122-18	Plumb Bob 18oz	(26.00)	<b>\$20.80</b>
SK-8122-24	Plumb Bob 24oz	(38.75)	<b>\$31.00</b>
SK-8122-32	Plumb Bob 32oz	(36.00)	<b>\$28.80</b>
SK-8122-90	Plumb Bob Points	(1.95)	<b>\$1.56</b>
SK-8122-93	Plumb Bob Cap	(1.95)	<b>\$1.56</b>



**Sheath**

Heavy stitched and riveted leather.

Number	Description	List	Net
SK-8123-25	Plumb Bob Sheath (14-18oz)	(6.00)	<b>\$6.00</b>
SK-8123-35	Plumb Bob Sheath (24-32oz)	(7.00)	<b>\$7.00</b>



**Plumb Bob Targets**

2 1/2" x 4" opaque red/white plastic target with notches for attaching to plumb line.

Number	Description	List	Net
SK-8126-20	Plumb Bob Target	(1.50)	<b>\$1.28</b>

2" x 3 1/2" Adhesive target with peel off backing. Package of 25.

Number	Description	List	Net
SK-8126-40	Quik-Stik Target	(3.50)	<b>\$2.98</b>



**Gammon Reel**

Reel in red and white plastic target case, supplied with orange nylon string.

Number	Description	List	Net
GR-1R	Gammon Reel 6.5ft	(18.12)	<b>\$14.50</b>
GR-12R	Gammon Reel 12ft	(22.70)	<b>\$18.16</b>



**Rod Level**

Allows rods and poles to be leveled for highly accurate work. Vial mounted in cast metal head with 3 screws for adjustment.

Number	Description	List	Net
CH-06-750	Rod Level	(17.96)	<b>\$15.27</b>



**Smart Level**

Durable level tool that digitally displays degrees, percent slope and pitch to 1/10 degree accuracy. Recalibrates easily. Supplied with standard 9V battery

Number	Description	List	Net
MD-92288	24" Smart Level	(162.89)	<b>\$146.60</b>
MD-92296	48" Smart Level	(184.29)	<b>\$165.86</b>
MD-92908	24" Level Case	(23.59)	<b>\$21.23</b>
MD-92924	48" Level Case	(38.45)	<b>\$34.61</b>

**Flagging Tape**

1 3/16" wide, lead free vinyl. Furnished in 100 yard rolls. Sold in packs of 12.

Standard Colors: Blue, Orange, White, Red, Yellow. Fluorescent Colors: Pink, Lime, Orange. (Fluorescent, 50 yard rolls)

Number	Description	List	Net
EB-258DZ	Standard Color	(22.68)	<b>\$18.14</b>
EB-260DZ	Fluorescent Color	(20.28)	<b>\$16.22</b>



**Stake Flags**

Bright vinyl flags attached to stiff steel wire stakes. Flag measures 2 1/2" x 3 1/2".

Colors: Pink, Orange, Blue, Yellow.

Bundle of 100.

Number	Description	List	Net
SK-8108-00	21" Flags (Pink)	(7.99)	<b>\$6.79</b>
SK-8108-01	21" Flags (Orange)	(7.99)	<b>\$6.79</b>
SK-080211	21" Flags (Blue)	(7.08)	<b>\$6.02</b>
SK-8108-03	21" Flags (Yellow)	(7.99)	<b>\$6.79</b>
SK-8109-00	30" Flags (Pink Glo)	(8.80)	<b>\$7.48</b>
SK-8109-01	30" Flags (Orange)	(8.80)	<b>\$7.48</b>
SK-080301	30" Flags (Blue)	(9.12)	<b>\$7.75</b>
SK-8109-03	30" Flags (Yellow)	(8.80)	<b>\$7.48</b>
SK-8109-04	30" Flags (Red)	(8.80)	<b>\$7.48</b>



**Hardwood Hubs and Stakes**

Hubs are 2" square, stakes are 1" square. Bundles of 25 each.

Number	Description	Net
PL-HUBS-12	12" Hubs	<b>\$27.05</b>
PL-HUBS-18	18" Hubs	<b>\$28.70</b>
PL-STAKES-3	3ft Stakes	<b>\$23.70</b>
PL-STAKES-4	4ft Stakes	<b>\$25.35</b>



Wedge Style Hubs. Bundles of 30 ea.

PL-HUBS-12W	12" Hub Wedge	<b>\$33.00</b>
PL-HUBS-18W	18" Hub Wedge	<b>\$37.00</b>

**Safety**

**Safety Cone**

Molded polyethylene with heavy laminated rubber base. Highly resistant to cracking or other damage. Color: Bright Orange.

Number	Description	Net
CH-23-401	18" Cone	<b>\$14.29</b>
CH-23-402	28" Cone	<b>\$23.94</b>



**Hard Hat**

Injection molded of high density polyethylene. Protection from impact and electric voltage, rain trough design with 6 point suspension. Weight 14 oz. Complies with OSHA requirements. ANSI Z 89 1 Class A, B.

Number	Description	Net
CH-23-500	Hard Hat	<b>\$8.37</b>



## Safety Vests



### Heavy Duty Vest

Seco 8067 series Safety Utility Vests are made of heavy duty Cordura with urethane backing. Treated with water repellent finish. Highly resistant to punctures and tearing. Vests have 2" wide reflective tape, 2 inside pockets and 3 outside pockets and a large back pocket. Weight 1.65 lbs. Fluorescent Color: Orange or Yellow.

Number	Description	List	Net
SE-8067-50 (L)	Safety Vest	(96.95)	<b>\$77.56</b>
SE-8067-54 (XL)	Safety Vest	(96.95)	<b>\$77.56</b>

### Light Weight Vest

Seco 8068 series Lightweight Safety Utility Vests are the same as the 8067 series but made of 100% Polyester for softness, comfort, superior strength and abrasion resistance. Weight 1 lb. Fluorescent Color: Orange or Yellow.

Number	Description	List	Net
SE-8068-50 (L)	Safety Vest	(96.95)	<b>\$77.56</b>
SE-8068-54 (XL)	Safety Vest	(96.95)	<b>\$77.56</b>

### Economy Vest

Omni lightweight multi pocket survey vest, chest pockets for pens and tools, 2 flap pockets, 2 inside front pockets, white on green stripes. Sizes M-5XL.

Number	Description	List	Net
ON-8038A	Safety Vest Orange	(35.95)	<b>\$32.36</b>
ON-8048A	Safety Vest Lime	(35.95)	<b>\$32.36</b>

## Bags

### Seco Jumbo Prism Bag

Holds tribrach, rotating adapter and single tilting prism. Measures 9" x 5" x 9". Colors: Orange or Green.

Number	Description	List	Net
SE-8081-O	Jumbo Prism Bag	(55.95)	<b>\$44.76</b>



### Total Station Field Case

Seco top loading Total Station Field Case with a durable Rhinotek bottom. Measures 14" x 7" x 9".

Number	Description	List	Net
SE-8121-00	Field Case	(188.95)	<b>\$160.61</b>



### Seco Lath Bags

Holds 36" or 48" wood lath, features 8" diameter, hand loop, shoulder strap and outside pocket. The heavy duty style has a Rhinotek bottom.

Number	Description	List	Net
SE-8100-00	Lath Bag 36"	(39.95)	<b>\$31.96</b>
SE-8101-00	Lath Bag 48"	(43.95)	<b>\$35.16</b>
SE-8100-20	HD Lath Bag 36"	(44.95)	<b>\$35.96</b>
SE-8101-20	HD Lath Bag 48"	(48.95)	<b>\$39.16</b>



### Seco Stake Bags

Bag for 18" wood stakes. Measures 19" x 8" x 12". The HD version has a Rhinotek bottom.

Number	Description	List	Net
SE-8090-00	18" Stake Bag	(47.95)	<b>\$38.36</b>
SE-8090-20	18" HD Stake Bag	(52.95)	<b>\$42.36</b>



### Seco Tripod Bags

This tripod bag holds all major brands of tripods. It is made of heavy duty nylon Cordura, has a leather bottom and pull strings at the top. Available in Orange or Green. Measures 52" x 8<sup>5</sup>/<sub>8</sub>". Weight .26lbs.

Number	Description	List	Net
SE-8150-00	Tripod Bag	(54.95)	<b>\$43.96</b>



## Rolatape

Rolatape has been a world leader in manufacturing precision measuring wheels designed to meet virtually every field measuring application.

### Model 112

Precision calibrated dual wheels for use on firm surfaces. Telescoping handle from 24" to 40". Records feet and inches up to 10,000 ft.

Number	Description	List	Net
RT-112T	(10ths)	(143.52)	\$114.82

### MM12 Series

Compact, light and accurate. Popular with appraisers measuring on firm surfaces both indoors and outdoors. Single 4" diameter wheel with counter measuring up to 1,000 ft.

Number	Description	List	Net
RT-MM12	(inches)	(49.26)	\$39.41
RT-MM12T	(10ths)	(49.26)	\$39.41
RT-MM12-Twin	(dual wheel)	(72.76)	\$58.21
RT-MM12-TwinT	(10ths)	(72.76)	\$58.21

### Model MM30

Reliable measurements on firm surfaces. Ideal for longer run jobs indoors in industrial applications and outdoors for estimating and commercial appraisers. Precision calibrated 11 1/4" diameter rubber tire, records measurements in feet and inches up to 1,000 ft. Lift and lock handle for easy storage.

Number	Description	List	Net
RT-MM30	(inches)	(113.36)	\$90.69
RT-MM30T	(10ths)	(113.36)	\$90.69

### Model 300

Rugged 3 ft. circumference wheel with American made counter records up to 100,000 ft., solid traction, superior balance, lift and lock handle mechanism for easy storage.

Number	Description	List	Net
RT-300	(inches)	(122.90)	\$98.32

### Model 400

Wide neoprene 15 1/2" diameter wheel for outdoor use on nearly any surface. Built-in stand keeps unit upright. Precision counter records up to 100,000 ft.

Number	Description	List	Net
RT-400	(inches)	(178.26)	\$142.61

## Kesson

Kesson Professional Metal Wheels are designed with simplicity and durability as the central principal. They can be used on the most difficult terrain and stand up to constant heavy use.

### Road Runner Series

These short run wheels weigh less than 2 lbs. and have an easy read magnified counter. The handle telescopes from 17" to 38" and measures up to 9,999 ft.

Number	Description	List	Net
KS-RR12	(inches)	(37.89)	\$32.21

### Model RR30

This model is made of Kesonite, a strong dense metal/resin composite that is stronger than die cast wheels and holds its shape better than metal. Heavier wheel makes it easier and more accurate to use in rough terrain. Measures up to 9,999 ft.

Number	Description	List	Net
KS-RR30	(inches)	(106.99)	\$90.94

### Model MP401E

World's sturdiest electronic measuring wheel and the easiest and most comfortable to use. Features include steel frame, ergonomic handle, built-in kick stand, 15 1/2" diameter wheel, sealed counter, back-lit LCD display reading up to 99,999 ft., with magnetic sensors powered by 2 AA batteries.

Number	Description	List	Net
KS-MP401E	Measuring Wheel	(199.99)	\$169.99





# GRS-1

Network Rover Receiver

## GNSS in the Palm of Your Hand

The GRS-1 packs all the power of a full GPS + GLONASS dual-frequency receiver, cellular modem and Windows PC into a very small, very powerful package. With the GRS-1 network rover, no external modem or equipment is needed . . . it's all built in. By attaching an easy-to-connect external antenna and accessing a local RTK network, centimeter accuracy is instantly achieved. Operate as a standalone hand-held for sub-foot navigation and mapping.

 **TOPCON**  
topconpositioning.com/grs1



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