# CST/berger...

No One Measures Up... Worldwide



THE BRAND FOUND ON MORE JOBSITES... PERIOD.

ROTARY LASERS



### **ROTARY LASERS**

CST/berger Brands can be found anywhere construction, surveying, leveling, and layout work is being performed. We are customer driven and committed to providing quality laser products and superior service. CST/berger offers a comprehensive line of rotating laser tools.





Set dual axis grade (±10%), Sweep "Chalkline", Point-to-Point, and Spot modes allow you to adapt the ALGR Control Grade Through The Multi-Function LCD

CST/berger



© 2008 Copyright CST/berger. All Rights Reserved. All specifications are subject to change without notice.









#57-LM800I with

LD400 detector

#57-LM800GRPKG

3-in-1 Tricase

Case





Model	ALGR	ALHV	ALHV-G	ALH	LM800	LM800GR	LMH600
Horizontal Accuracy @ 100 ft	1/16 in (1.6mm)	1/16 in (1.6mm)	1/16 in (1.6mm)	1/16 in (1.6mm)	1/16 in (1.6mm)	1/16 in (1.6mm)	3/32 in (2.4mm)
Rotation Rate (Preset Speeds)	0-1000 RPM	Variable (3)	Variable (3)	600 RPM	Variable (3)	600 RPM	Variable (3)
Range Indoors	660-ft (200m)	660-ft (200m)	820-ft (250m)	-	660-ft (200m)	-	330-ft (100m)
Range Exterior with Detector	2800-ft (850m)	2800-ft (850m)	1312-ft (400m)	2800-ft (850m)	2800-ft (850m)	2800-ft (850m)	2000-ft (610m)
Leveling Type (Degrees)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)
Beam Rating	635nm	635nm	532nm	650nm	635nm	650nm	635nm
Scanning w/ Spot Mode	Yes	Yes	Yes		Yes		Yes
Vertical Accuracy @ 100 ft	1/8 in (3.2mm)	1/8 in (3.2mm)	1/8 in (3.2mm)		1/8 in (3.2mm)		1/8 in (3.2mm)
Laydown Beam Positioning	Yes	Yes	Yes		Yes		Yes
Slope/Grade Capability (±10%)	Dual Dial-In	Dual	Dual	Single	Dual w/Remote	Dual	Dual
Battery Type	4-"D" Cell	4-"D" Cell	NiMH	4-"D" Cell	NiMH	NiMH	4-"D" Cell
Water/Dust Protection	IP67	IP67	IP67	IP67	IP67	IP67	IP54
Warranty	3 Year	3 Year	3 Year	3 Year	3 Year	3 Year	2 Year
Available Packages:	INTERIOR EXTERIOR	INTERIOR EXTERIOR	INTERIOR EXTERIOR	EXTERIOR	INTERIOR EXTERIOR	EXTERIOR	INTERIOR EXTERIOR
Complete Package Contents:	57-ALGRPKG Remote, LD440 Detector w/Clamp, Glasses, (2) Magnetic Targets, V-Mount, Tripod, 8-ft Rod, Batteries, Case	57-ALHVPKG Remote, LD440 Detector w/Clamp, Glasses, (2) Magnetic Targets, V-Mount, Tripod, 8-ft Rod, Batteries, Case	n/a	<b>57-ALHPKG</b> LD440 Detector w/Clamp, Tripod, 8-ft Rod, Batteries, Case	57-LM800PKG Remote, LD400 Det. w/Clamp, Glasses, V-Mount, (2) Mag- netic Targets, Tripod, 8-ft Rod, NiMH Bat. Pack/Charger, Case	57-LM800GRPKG LD400 Detector w/Clamp, Tripod, 8-ft Rod, NiMH Battery Pack and Charger, Tripod, 8-ft Rod, Case	57-LMH600PKG Remote, Glasses, Magnetic Target, V-Mount, LD400 Detector w/Clamp, Batteries, Tripod, 8-1 Rod, Case
Detector Package Contents:	<b>57-ALGRD</b> Remote, LD440 w/clamp, Batteries, Case	57-ALHVD Remote, LD440 Detector w/Clamp, Glasses, (2) Magnetic Targets, V-Mount, Batteries, Case	57-ALHVGD Remote, LD440G Detector w/Clamp, Glasses, Magnetic Target, V-Mount, NiMH Rechargeable Batteries, Case	<b>57-ALH</b> LD440 Detector w/Clamp, Batteries, Case	57-LM800D Remote, LD400 Detector w/Clamp, NiMH Battery Pack and Charger, Case	57-LM800GR Remote, LD400 Detector w/Clamp, NiMH Battery Pack and Charger, Case	<b>57-LMH600D</b> Remote, LD400 Detector w/Clamp, Batteries, Case
Interior Package Contents:	n/a	57-ALHV Remote, Glasses, (2) Magnetic Targets, V-Mount, Batteries, Case	57-ALHVG Remote, Glasses, Magnetic Target, V-Mount, NiMH Rechargeable Bat- teries, Case	n/a	57-LM8001 Remote, Glasses, (2) Magnetic Targets, V- Mount, NiMH Battery Pack and Charger, Case	n/a	57-LMH600I Remote, Glasses, Magnetic Target, V-Mount, Batteries, Case
Other Package Contents:					57-LM800DI Same as	57-LM800GRPKG-3 Same as	<b>57-LMH600</b> Remote, Batteries,



### **DETECTORS- ROTARY LASER**



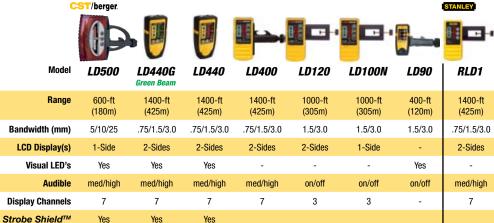
### Lay-Down **Beam Positioning**

Position beam automatically (90° vertical) over a reference point.



### **Vertical** Self-Leveling

Vertical self-leveling allows interior rotary lasers to be positioned in laydown for vertical applications.



Contents: STANLEY

57-LD500 HD Rod Bracket, Pin, Case

57-LD440G HD Rod Bracket

57-LD440 HD Rod Bracket

57-LD400 HD Rod Bracket

57-LD120 Rod Bracket

57-LD100N Rod Bracket

57-LD90 Rod Bracket

77-169 HD Rod Bracket















LMH-CU	LM1000X
3/32 in (2.4mm)	1/8 in (3.2mm)
600 RPM	Variable (4)
-	200-ft (60m)

	LM30
--	------

RI 250

RI 25NGI

RI 250GR

RI 1NN

LIVIN-GU	LIVI I UUUX	LIVISU	nlsoual	nljju	nl23UGL	nl23UUN	NLIUU
3/32 in (2.4mm)	1/8 in (3.2mm)	1/4 in (6.4mm)	1/16 in (1.6mm)	1/8 in (3.2mm)	1/16 in (1.6mm)	3/32 in (2.4mm)	1/4 in (6.4mm)
600 RPM	Variable (4)	Variable (2)	Variable (3)	Variable (3)	600 RPM	600 RPM	(2) Variable
-	200-ft (60m)	200-ft (60m)	200-ft (60m)	200-ft (60m)	-	-	200-ft (60m)
2000-ft (610m)	1000-ft (305m)	800-ft (240m)	2300-ft (700m)	2000-ft (610m)	2300-ft (700m)	2000-ft (610m)	800-ft (240m)
Electronic (±3°)	Electronic (±5°)	Manual	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Electronic (±5°)	Manual
650nm	635nm	635nm	635nm	635nm	650nm	650nm	635nm
	Yes	Yes	Yes		Yes		Yes
	1/8 in (3.2mm)	1/4 in (6.4mm)	1/8 in (3.2mm)	1/8 in (3.2mm)			1/4 in (6.4mm)
Manual			Single	Single	Single	Single	
4-"D" Cell	NiMH	4-"C" Cell	NiMH	NiMH	NiMH	NiMH	4-"C" Cell
IP54	IP54		IP67	IP54	IP67	IP54	
2 Year	1 Year	1 Year	2 Year	1 Year	2 Year	1 Year	1 Year
	INTERIOR	INTERIOR	INTERIOR	INTERIOR			INTERIOR

EXTERIOR 57-LMHCUPK

w/Clamp, Tripod, 8-ft

Rod. Batteries, Tripod.

LD400 Detector

8-ft Rod, Case



57-LM1000XPKG

Remote, Glasses,

Magnetic Target,

V-Mount, LD120 Det.

w/Clamp, NiMH Bat-

tery Pack and Charger,

Tripod, 8-ft Rod, Case



Glasses, Magnetic

Target, Wiz-Mount,

LD100N Detector

w/Clamp, Batteries,

Tripod, 8-ft Rod, Case

57-LM30PKG



Remote, Laser Detec-

tor w/Clamp, Glasses,

Magnetic Target (2),

V-Mount, NiMH Bat-

tery Pack and Charger,

Tripod, 8-ft Rod, Case

77-230 Laser Detector w/Clamp, Tripod, 8-ft Rod, NiMH Battery Pack and Charger,

Tripod, 8-ft Rod, Case

EXTERIOR 77-224

Remote, Laser Detector w/Clamp, Glasses, Magnetic Target (2), V-Mount, NiMH Battery Pack and Charger, Tripod, 8-ft Rod, Case

EXTERIOR

57-LMH-CU LD400 Detector w/Clamp, Batteries,

57-LM1000XE LD120 Detector w/Clamp, NiMH Battery Pack and Charger, Tripod, 8-ft Rod, Case

57-LM30D LD100N Det.w/Clamp,

Batteries, Case 57-LM30DUI Same as #57-LM30I plus LD400 Det.

77-229

Laser Detector w/Clamp, NiMH Battery Pack and Charger, 77-196

77-223

Laser Detector

w/Clamp, Tripod,

Pack and Charger,

8-ft Rod, NiMH Battery

Tripod, 8-ft Rod, Case

Laser Detector w/Clamp, NiMH Battery Pack and Charger, 77-156 Remote, Wall-Mount Bracket, Magnetic Target, Glasses, Case

### 57-LM1000X

Remote, Glasses, Magnetic Target, V-Mount, LD120 Detector w/Clamp, NiMH Battery Pack and Charger, Case

57-LM30I Remote, Target, Wiz-Mount, Batteries, Case

57-LM30 Batteries, Case 57-LM30PKG-3

Same as

#57-LM30PKG

3-in-1 Tricase

Remote, Glasses, Magnetic Target (2), V-Mount, NiMH Battery Pack and Charger,

77-227

Case

77-230-3 Same as #77-230 3-in-1 Tricase 77-197 Remote, Glasses, Magnetic Target (2), V-Mount, NiMH Battery Pack and Charger,

Case

77-223-3 Same as #77-223 3-in-1 Tricase

57-LMHCUPK-3 Same as #57-LMHCUPK 3-in-1 Tricase

USA 1-800-435-1859 • www.cstberger.com • 1-815-432-9200



### **LINE LAYOUT LASERS**

**CST/berger** offers a diverse range of line layout lasers for construction, squaring, alignment, leveling, and layout work. We are customer driven and develop products that fit your needs.

CST/berge









LLD-20 Detector, Batter-

STANLEY

ies. Case

ies, Case





Splitter-90°, Laser

Chalkline Adapter,

Batteries, Case

				Green Beam			
	Model	LM-54	XLP-34	ILM-XTG	ILM-XT	ILM	LM2
	Diode (#)	635nm (5)	635nm (3)	532nm (2)	635nm (2)	635nm (2)	635nm (2)
	Down Plumb Beam	650nm (1)	650nm (1)	-	-	-	-
בון בון	Accuracy Up To ±	3/8 in @ 100-ft (3mm @ 30m)	1/8 in @ 100-ft (3.3m @30m)	3/32 in @ 30-ft (2.4mm @ 9m)	3/32 in @ 30-ft (2.4mm @ 9m)	1/4 in @ 30-ft (6mm @ 9m)	1/4 in @ 60-ft (6mm @ 18m)
ξ	Range (Interior)	75-ft (15m)	100-ft (30m)	100-ft (30m)	100-ft (30m)	32-ft (10m)	100-ft (30m)
=	Range (Exterior w/Detector)	100-ft (30m)	300-ft	-	100-ft (30m)	-	-
5	Leveling Type	Electronic, ±5°	Electronic, ±5°	Self-Leveling, ±5°	Self-Leveling, ±5°	Self-Leveling, $\pm 4^{\circ}$	Manual-Vials (Adj. Feet))
ξ	Laser Cross	4	3	1	1	1	1
į	Battery Type	3- NiMH "C"	3-"AA"	3- NiMH "AA"	3-"AA"	3-"AA"	3-"AA"
j	Warranty	1 Year	1 Year	1 Year	2 Years	1 Year	1 Year
	Available Packages:	INTERIOR EXTERIOR	INTERIOR EXTERIOR	INTERIOR	INTERIOR EXTERIOR	INTERIOR	INTERIOR
	Interior Package Contents:	<b>58-LM54</b> Trivet, Glasses, Target, NiMH Rechargeable Batteries, Case	<b>58-XLP34</b> Magnetic Laser Tripod, 2- Magnetic Targets, Laser Glasses, Batteries, Case	<b>58-ILM-XTG</b> Magnetic Laser Tripod, Rechargeable Batteries/ Charger Pack, Case	<b>58-ILM-XT</b> Magnetic Laser Tripod, 3-'AA' Alkaline Batteries, Case	<b>58-ILM</b> Magnetic Laser Tripod, Target, Batteries, Case	<b>58-LM2</b> 2-Magnetic Targets, Batteries, Case
	Exterior Package Contents:	<b>58-LM54E</b> LLD2 Detector, Trivet,	<b>58-XLP34PKG</b> XLD-2 Detector, B-Mount,	Summer 2008	<b>58-ILM-XTE</b> Magnetic Laser Tripod,		



### **DOT LASERS**

Glasses, Target, NiMH Rechargeable Batteries,

Case

**CST/berger** Dot Lasers are great tools to increase productivity when 90° squaring, aligning and transfering points, as well as leveling.

CST/berger.

teries, Soft Case and

Hard Case

Magnetic Laser Tripod,

Glasses, Batteries, Case

2-Magnetic Targets.

#### Model XP<sub>5</sub> MP5 MP3 MP5 PB<sub>2</sub> SP1X 635nm (5) 635nm (5) 532nm (3) 635nm (5) 635nm (3) 635nm (1) Diode (#) 3/16 in @ 100-ft 1/4 in @ 50-ft Accuracy ± (4.8mm @ 30m) (6.4mm @ 15m) Range (Interior) 100-ft (30m) 100-ft (30m) 100-ft (30m) 100-ft (30m) 100-ft (30m) 50-ft (10m) **Leveling Type** Self-Leveling Self-Leveling Self-Leveling Self-Leveling Self-Leveling Manual **Leveling Range** ±5° ±5° ±5° ±5° ±5° 3-"AA" 3-"AA" 3-"AA" 3-"AA" 3-"AA" 3-"AA" **Battery Type** Warranty 2 Years 1 Year 1 Year 1 Year 1 Year Available Packages: Standard Package 58-MP3 77-190 58-XP5 58-MP5 77-154 77-189 Contents: Multi-Mount, Trivet, Multi-Mount, Strap, Multi-Mount, Strap, Multi-Mount, Strap, Batteries, Case Magnetic Laser Target, Strap, Bat-Target, Trivet, Batter-Target, Trivet, Batter-Target, Trivet, Batter-Tripod, Beam

ies. Case

ies. Case



77-214

9-ft Laser Pole with

Platform, 3-"AA'

Batteries, Case

**Accessories** LP12-UM 12-ft Laser Pole Platform System. Description Cat.# 58-LP12-UM 12-ft Pole System **LLD-20** Laser Line Detecto Description Cat. # 58-LLD20 **Electronic Line Detector** 

Cat. #



# CONSTRUCTION SITE

### pod, LLD-20 Detector, Batteries, Case

77-215

77-222

Magnetic Laser

Batteries, Case

Tripod, 3-'AA' Alkaline

Magnetic Laser Tri-

77-204

Trivet, Glasses, Target,

NiMH Rechargeable

Batteries, Case

LLD1 Line Laser

Sold Separately

Detector (77-213)

### LASER DISTANCE MEASURERS

Tru laser measuring for when it has to be accurate. Just point the laser, press a button, and measure. Ideal for appraisers, carpenters, technicians, floor and tile layers, and painters.



Available Jun '08

635nm 195-ft (60m)

1/16 in (1.5mm)

Yes

Yes

Yes

Simple

2-"AAA"

1 Year

58-LT160

Batteries, Case

Model

Range

Laser Diode

Accuracy Up to ±

Calculate Area

Calculate Volume

**Total Room Data** Memory

> Trapezium **Battery Type**

> > Warranty

**Package** 

Contents:

Pythagoras Measuring

**Available Packages:** 



77-930

Batteries, Case



77-153

ies, Case

Magnetic Laser

Tripod, Target, Batter-





77-198

Adhesive Strips,

Target, Case

TLM300	TLM200	<b>TLM100</b> **Available Mar '08
635nm	635nm	635nm
600-ft (200m)	165-ft (50m)	100-ft (30m)
1/16 in (1.5mm)	1/8" (3.0mm)	**1/8 in (3.0mm)
Yes	Yes	Yes
Yes	Yes	Yes
Yes	_	_
Yes	Yes	10 values
Advanced	Simple	**Simple
Yes	-	-
2-"AA"	2-"AAA"	**2-"AAA"
1 Year	1 Year	1 Year

77-920

Batteries, Case

### **PIPE LASER**

77-188

Adhesive Strips

Electronic pipe laser is designed with strength, accuracy, and reliability to operate on the most demanding jobsite conditions.

CST/berger

Two-way RF control gives real-time data between remote and pipelaser. Rugged, waterproof housing.

LMPL20
635nm (5)
±1 arc sec.
800-ft (243m)
-15%,~ +40%
±15%
Yes
Yes
NiMH
2 Year

Available Packages:

Package Contents: 59-LMPL20 Remote, Target Set, NiMH Bat. Pack/Charger, Alkaline Battery Pack, 12V Cord, Leg Set (3), Case





77-910

### **Strike**/berger

### **OPTICAL INSTRUMENTS**

### **Levels and Transit-Levels**

Berger has been building quality, reliability, and value into their instruments since 1871.

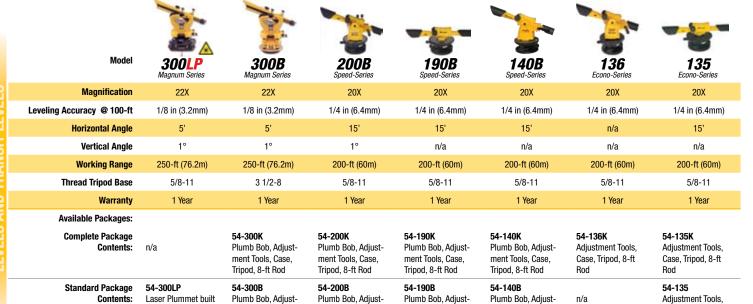


#### **Features:**

- Built-in sunshade
- Large coated achromatic lens
- Rubber eyepiece cap
- 4ft. (1.2m) short focus
- · High precision glass level vials
- Dust protected eyepiece with fixed cross hairs
- · Powder coated safety yellow paint
- Includes custom hard-shell carrying case, plumb bob (not included with Econo-Series).







### **Automatic Levels**

#### CST/horner



into base, Plumb

Bob, Adjustment tools, Case



ment Tools, Case



ment Tools, Case



ment Tools, Case



ment Tools, Case





Case

Model	SAL32'N'	SAL28'N'	<i>PAL 26X</i>	SAL24'N'	PAL 24X	PAL 22X	SAL20'N'
Magnification	32X	28X	26X	24X	24X	22X	20X
Leveling Accuracy	1/16 in @ 250-ft (1.6mm @ 76.2m)	1/16 in @ 200-ft (1.6mm @ 60m)	1/16 in @ 200-ft (1.6mm @ 60m)	±1/16 in @ 150-ft (1.6mm @ 45.7m)	±1/16 in @ 150-ft (1.6mm @ 45.7m)	±3/32 in @ 150-ft (2.4mm @ 45.7m)	1/8 in @ 100-ft (3.3mm @ 30m)
Angular Accuracy	1°/1gon	1°/1gon	1°/1gon	1°/1gon	1°/1gon	1°/1gon	1°/1gon
Comp Setting	±0.3"	±0.5"	±0.5°	±0.8"	±0.8°	±0.8°	±0.8"
Working Range	400'	350'	325'	300'	300'	250'	200'
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Available Packages:							
Complete Kit Contents:	55-SLVP32N Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	<b>55-SLVP28N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	55-PLVP26N Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	55-SLVP24N Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	55-PLVP24D Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	<b>55-PLVP22N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod	55-SLVP20N Lens Cover, Plumb Bob, Adjustment Tools, Case, Tripod, 8-ft Rod
Standard Package Contents:	<b>55-SAL32N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-SAL28N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-PAL26N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-SAL24N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-PAL24D</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-PAL22N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case	<b>55-SAL20N</b> Lens Cover, Plumb Bob, Adjustment Tools, Case

Other Package Contents:

**NOTE:** When ordering autolevels, please add "D" for Degrees of "G" for "Gons". PAL24X is only available in Degrees.

55-SLVP24N

Lens Cover, Plumb Bob, Adjustment Tools, 3-in-1 Tricase, Tripod, 8-ft Rod

### **ELECTRONIC TOTAL STATIONS AND THEODOLITES**











Model	CST-202 Total Station	CST-205 Total Station	<b>DGT-02</b> Theodolite	<b>DGT-10</b> Theodolite
Magnification	30X	30X	30X	30X
<b>Resolving Power</b>	4.0"	4.0"	3.5"	3.5"
Field of View	1°30'	1°30'	1°30'	1°30'
Minimum Focus	4.92' (1.5m)	4.92' (1.5m)	4.27' (1.3m)	4.27' (1.3m)
Distance Measurement Single Prism	5,249-ft (1,600m)	5,249-ft (1,600m)	n/a	n/a
Angular Accuracy	2 Sec.	5 Sec.	2 Sec.	5 Sec.
Internal Memory	15,000 Points	15,000 Points	-	-
Tripod Thread	5/8-11	5/8-11	5/8-11	5/8-11

**Available Packages:** 

Standard Package Contents:

56-CST202 2 Ni-MH Rechargeable Batteries w/ Charger, Software, Cable, Tool Kit, Sun Shade, Rain Cover, Plumb Bob, Case

56-CST205

2 Ni-MH Rechargeable Batteries w/Charger, Software, CABLE. Tool Kit. Sun Shade. Rain Cover, Plumb Bob, Case

### 56-DGT02

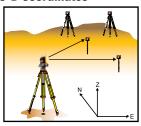
Batteries, Sunshade, Tool Kit, Rain Cover, Drying Cloth. Plumb Bob. Case

#### 56-DGT10 Batteries,

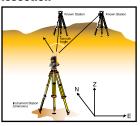
Sunshade, Tool Kit, Rain Cover, Drying Cloth, Plumb Bob. Case



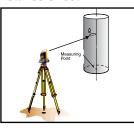
#### **3-D Coordinates**



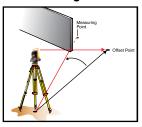
### Resection



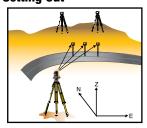
### **Distance Offset**



### **Horizontal Angle Offset**



### **Setting Out**



#### CST/berger

26X

±1/16 in @ 150-ft

(1.6mm @ 45.7m)

1°/1gon

Lens Cover, Plumb

Case

Bob, Adjustment Tools,



## **CAL 26** AL24D

24X

±1/16 in @ 150-ft

(1.6mm @ 45.7m)

Lens Cover, Plumb

Tools, Case, Tripod, 16-ft Rod

Bob, Adjustment

55-CAL26	77-159
	77-183 Lens Cover, Plumb Bob, Adjustment Tools, Case
1 Year	5 Years
150'	300'
±0.8°	±0.8°

### **Automatic Level** Tri-Case All-in-One Carrying Case

55-TRCS Tri-Case All-in-one Carrying Case Carries Automatic Level,

Tripod, Rod



- Protects Instruments from Damage
- Stores Instruments in One Place
- Easy to Transport

### **Level & Transit-Level Kits**

Level and transit-level kits include the instrument with case and accessories, an aluminum quick clamp tripod, and a 8-ft telescoping aluminum rod.

> 54-200K Transit-Level Kit



### **Automatic Level Kits**

Automatic Level Kits include the instrument with case and accessories, an aluminum quick clamp tripod, and a telescoping aluminum rod.

When ordering Automatic Levels add "D" for Degrees or "G" for Gons and/or "M" for Metric Kits (Example 55-SLVP24ND)

55-SLVP24ND Automatic Level Kit



### **TRIPODS**

### **Quick Clamp**

Positive quick clamp locking clamps.



#### Wing Screw CST's traditional wing screw clamping tripods offer quick and secure clamping for budget-

minded users.

CST/berger

#### **Hand Hold**

Contractor's Tripods - Aluminum

Our popular Contractors' Tripods offer a positive locking quick clamp or wing

screw style clamp. The Price Is Right! Our aluminum tripod has value written

all over it. This tripod is stronger and more rigid than comparable tripods.

Easily carry tripod with hand hold in one leg of the CST Wood Tripods (WDW Tripods).



CST/berger.

### **Heavy-Duty Tripods - Aluminum**

Lightweight, heavy gauge aluminum and the added stability of double banded legs put this extension leg tripod "head and shoulders" above other aluminum tripods.

### **Quick-Clamp**

Cat.#	Extended	Closed	Net Wt	Head	Fastener
60-ALQR20	65" (165cm)	42" (107cm)	12lb (5.5kg)	FLAT	5/8-11
60-ALQRI20	65" (165cm)	42" (107cm)	12lb (5.5kg)	FLAT	5/8-11
60-ALQR25	65" (165cm)	42" (107cm)	12lb (5.5kg)	FLAT	3 1/2-8
60-ALQR40	65" (165cm)	42" (107cm)	12lb (5.5kg)	DOME	5/8-11
60-ALQRI40	65" (165cm)	42" (107cm)	12lb (5.5kg)	DOME	5/8-11

### Wing Screw

Cat.#	Extended	Closed	Net Wt	Head	Fastener
60-ALW10	49" (124cm)	25" (64cm)	9lb (4.1kg)	FLAT	5/8-11
60-ALW20	65" (165cm)	42" (107cm)	13lb (5.5kg)	FLAT	5/8-11
60-ALWI20	65" (165cm)	42" (107cm)	13lb (5.5kg)	FLAT	5/8-11
60-ALW25	65" (165cm)	42" (107cm)	13lb (5.5kg)	FLAT	3 1/2-8
60-ALW30	97" (246cm)	59" (150cm)	14lb (5.5kg)	FLAT	5/8-1



# **Heavy-Duty Tripods Wood/Fiberglass**

### Quick-Clamp, Flat Head

Cat.#	Extended	Closed	Net Wt	Fastener
60-WDF20	72" (183cm)	42" (107cm)	16lb (7.2kg)	5/8-11
60-WDF20X	72" (183cm)	42" (107cm)	16lb (7.2kg)	5/8-11
60-WDF25	72" (183cm)	42" (107cm)	16lb (7.2kg)	3 1/2-8
60-FGHD20*	72" (183cm)	42" (107cm)	16lb (7.2kg)	5/8-11

\*All Fiberglass



### CST/berger. **Heavy-Duty Elevator Tripods**

The adjustable column has a height adjustment range of 12" (305mm) and improved gear system for smooth continuous motion.

Cat.#	Туре	Extended	Closed	Net Wt	Fastener
60-ALW30ELAZ	Aluminum	128" (325cm)	68" (173cm)	21lb (9.5kg)	5/8-11
60-WDW30ELAZ	Wood	128" (325cm)	68" (173cm)	27lb (12.2kg)	5/8-11
60-WDW20ELAZ	Wood	94" (239cm)	49" (124cm)	18lb (8.2kg)	5/8-11
60-WDF20ELAZ	Wood/Fbgls	94" (239cm)	49" (124cm)	18lb (8.2kg)	5/8-11
60-ALW20ELAZ	Aluminum	88" (224cm)	48" (122cm)	15lb (6.8kg)	5/8-11
60-ALW10ELAZ	Aluminum	46" (117cm)	25" (64cm)	13lb (5.9kg)	5/8-11

#### 60-I0F00T

Indoor/Outdoor Rubber Shoe. All-surface rubber feet with retractable sharp metal points



# Threaded Screw for Extra Stability 60-ALQR20 Light Weight, Heavy Tripod Gauge Aluminum with Double Banded Legs

Replaceable Shoe Point

Extra-Strength Honeycomb Fiberglass Dowels

Extra Large Extruded

Quick Release Lever

Premium Grade North

Heavy-Duty Composite Shoe

with Steel Point

Pass Through

60-WDF20X Tripod

Aluminum Locking Clamps

### **Ouick-Clamp**

Quion on	quioit Giuinp						
Cat. #	Extended	Closed	Net Wt	Head	Fastener		
60-ALQC20	63" (160cm)	38" (97cm)	9lb (4.1kg)	FLAT	5/8-11		
60-ALQCI21	63" (160cm)	38" (97cm)	9lb (4.1kg)	FLAT	1/2-20, 1/4-20		
60-ALQC25	63" (160cm)	38" (97cm)	9lb (4.1kg)	FLAT	3 1/2-8		
60-ALQC40	63" (160cm)	38" (97cm)	9lb (4.1kg)	DOME	5/8-11		
60-ALQCI20	63" (160cm)	38" (97cm)	9lb (4.1kg)	FLAT	5/8-11		
60-ALQCI40	63" (160cm)	38" (97cm)	9lb (4.1kg)	DOME	5/8-11		

### Wing Screw

Cat.#	Extended	Closed	Net Wt	Head	Fastener
60-ALC20	63" (160cm)	38" (97cm)	9lb (4.1kg)	FLAT	5/8-11
60-ALC40	63" (160cm)	38" (97cm)	9lb (4.1kg)	DOME	5/8-11

CST/berger.

### **Heavy-Duty Tripods - Wood** Wing Screw, Flat Head

Cat.#	Extended	Closed	Net Wt	Fastener
60-WDW10HV	25" (64cm)	19" (48cm)	12lb (5.5kg)	5/8-11
60-WDW20HV	72" (183cm)	42" (107cm)	16lb (7.2kg)	5/8-11
60-WDWI20	72" (183cm)	42" (107cm)	16lb (7.2kg)	5/8-11
60-WDW30HV	97" (246cm)	59" (150cm)	21lb (9.5gk)	5/8-11

### **Contractor's Elevator Tripods**





### **Robotics Tripods**

### **Aluminum**

Cat.#	Туре	Extended	Closed	Net Wt	Fastener
60-RT20ALW	Aluminum	63" (160cm)	38" (97cm)	-	5/8-11
60-RT20WDF	Composite	71"	46" (117cm)	-	5/8-11
60-RT20FG	Composite/Wood	71"	46" (117cm)	-	5/8-11

**GPS Receiver Tripod**Mast Height: 84" (213cm). Total Extension Height Open: 10'-5" (317cm)

Cat.#	Extended	Closed	Net Wt	Fastener
60-WDF20MST	72" (183cm)	42" (107cm)	17lb (7.8kg)	5/8-11

# Machine Control Tripods Elevator column allows a height adjustment range of 17" (43cm)

Cat.#	Extended	Closed	Net Wt	Fastener
60-MCT	135" (343cm)	72" (183cm)	29lb (13kg)	5/8-11
60-MCTE	171" (434cm)	84" (213cm)	34lb (15.4kg)	5/8-11

NOTE: All MCT Tripods include Heavy Duty Points as well as industrial grade casters for interior applications.



### 60-MCTE Tripod

### TRIPOD ACCESSORIES

Gal.#	Description
60-TFG20	Tripod Floor Guide
60-BAG20	Tripod Carrying Bag fits tripods up to 45" (114cm) in closed length.
61-2512	Universal Plastic Tripod Cap. 5/8-11 thread



	Cat.#	Tripod Fastener	Adapts to Instrument Size	
•	61-2506	5/8-11	11/16 X 20	
	61-2507	1/2-20	11/16 X 20	
	61-2508	1/2-20	5/8 X11	
	61-2509	5/8-11	1/2-20	
•	61-2510	5/8-11	3 1/2-8	
	61-2510A	3 1/2-8	5/8-11	6
	61-2516	1/4-20	1/4-20	
	61-2517	5/8-11	1/4-20	

#### CST/berger.

### **RODS**

### **Telescoping Rods**

тогоооор	9	uo		
Cat.#	Length	иом	Туре	Section
06-805MC	16-ft/5m	Metric Ft/In/8ths	Aluminum	5
06-805MT	16-ft/5m	Metric Ft/In/100ths	Aluminum	5
06-808A	8-ft	Feet/10ths/100ths	Aluminum	3
06-808C	8-ft	Feet/Inches/8ths	Aluminum	3
06-808M	2.5m	Metric	Aluminum	3
06-913	13-ft	Feet/10ths/100ths	Fiberglass	4
06-913C	13-ft	Feet/Inches/8ths	Fiberglass	4
06-813	13-ft	Feet/10ths/100ths	Aluminum	4
06-813C	13-ft	Feet/Inches/8ths	Aluminum	4
06-904M	4m	Metric	Fiberglass	4
06-9042MM	4m	Dm/Cm/2mm	Fiberglass	4
06-804M	4m	Metric/mm	Aluminum	4
06-8042MM	4m	Dm/Cm/2mm	Aluminum	4
06-916	16-ft	Feet/10ths/100ths	Fiberglass	5
06-916C	16-ft	Feet/Inches/8ths	Fiberglass	5

### **Laser Rods and Poles**

### **Bayonet and Quik-Lok**

,				
Cat.#	Length	Unit of Measure	Туре	Section
09-2082E	8-ft	Feet/Inches/8ths	2	3
09-2082T	8-ft	Feet/Inches/100ths	Bayonet	2
09-2082M	2.5m	Metric	Bayonet	2
09-4154T	15-ft	Feet/Inches/100ths	Quik-Lok	4
09-4154E	15-ft	Feet/Inches/100ths	Quik-Lok	4
06-4154M	4.6m	Metric	Quik-Lok	4
				Quik- Po



60-RT20ALW

Tripod

+	01 A2 01 01 01 01 01 01 01 01 01 01 01 01 01	
1	170174400	
	◆ Bayonet  Rod  Rod  **  **  **  **  **  **  **  **  **	
	A CONTRACTOR AND A CONT	

Cat.#	Length	MOU	Туре	Section
06-716	16-ft	Feet/10ths/100ths	Fiberglass	4
06-716C	16-ft	Feet/Inches/8ths	Fiberglass	4
06-816	16-ft	Feet/10ths/100ths	Aluminum	5
06-816C	16-ft	Feet/Inches/8ths	Aluminum	5
06-905M	5m	Metric	Fiberglass	5
06-905MMM	5m	1/2 cm/mm	Fiberglass	5
06-705M	5m	Metric	Fiberglass	4
06-805M	5m	Metric	Aluminum	5
06-805MMM	5m	1/2 cm/mm	Aluminum	5
06-925	25-ft	Feet/10ths/100ths	Fiberglass	6
06-925C	25-ft	Feet/Inches/8ths	Fiberglass	6
06-725	25-ft	Feet/10ths/100ths	Fiberglass	6
06-725C	25-ft	Feet/Inches/8ths	Fiberglass	6
06-907M	7.6m	Metric	Fiberglass	6
06-707M	7.6m	Metric	Fiberglass	6

### "Cut and Fill" Rod

Cat.#	Length	UOM	Section	Extras
06-TLM	2.4m	Metric	2	
06-TLC	8-ft	Feet/Inches/8ths	2	
06-TLMB	2.4m	Metric	2	Bubble Vial
06-TLCB	8-ft	Feet/Inches/100ths	2	Bubble Vial

"Cut and Fill"

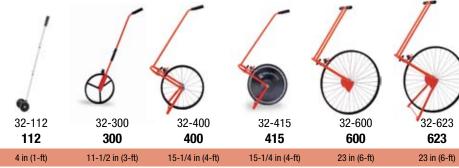


### **MEASURING WHEELS**



Professionals in many fields count on the Rolatape® Professional Series. Featuring all steel construction, a 5-digit ratchet counter, calibrated wide rubber tire.

Cat.#





		000	400	710	000	020
Wheel Diameter (Circ.)	4 in (1-ft)	11-1/2 in (3-ft)	15-1/4 in (4-ft)	15-1/4 in (4-ft)	23 in (6-ft)	23 in (6-ft)
<b>Counter Reading</b>	<sup>7</sup> 10,000 ft/in	<sup>y</sup> 100,000 ft/in	M, D, E 100,000 ft	$^{M, D, E}$ 100,000 ft	100,000 ft	<sup>M, D</sup> 100,000 ft
Wheels	Dual Plastic	Single Steel	Single Spoked	Single Disk	Single Spoked	Single Spoked
Wheel Stand	-	Available (Add "S")	Yes	Yes	-	Yes
Handle	3-Section	Insert & Lock	Adjustable	Adjustable	Adjustable	Adjustable
Wheel Brake	-	-	Yes	Yes	Yes	Yes

Other Packages Available including <sup>™</sup> Tenths, <sup>™</sup> Yards, <sup>M</sup> Metric , <sup>D</sup>Dual Counters, as well as <sup>E</sup> Extended Model

Cat.#

**Wheel Diameter** 

**Counter Reading** 

Integated Paint System

Wheel Type

Wheel Stand

Wheels

Handle

\*Add a "-P" when ordering (i.e. 31-308-P)

31-40M

318mm

Aluminum

1.000 m/dm

Single

Yes

Snap-Lock



Designed to handle the needs of professionals and homeowners alike. While maintaining our focus on quality and accuracy, the Measure Master® Commercial Series features an axle driven counter that adds in forward and subtracts in reverse.

Cat.#	32-12* <b>MM-12</b>	32-TWIN* MM-TWIN	32-30* MM-30	32-50 MM-50	32-66 MM-6.6
Wheel Diameter (Circ.)	4 in (1-ft)	4 in (1-ft)	11-1/2 in (3-ft)	19 in (5-ft)	25 in (6-ft)
<b>Counter Reading</b>	10,000 ft/in	10,000 ft/in	10,000 ft/in	10,000 ft/in	10,000 ft/in
Wheels	Single	Dual	Single	Single	Single
Wheel Stand	-	-	Yes	-	-
Handle	3-Section	3-Section	Insert & Lock	Insert & Lock	Insert & Lock

31-20M

97mm

**ABS Plastic** 

1.000 m/cm

Dual

3-Section

31-10M

97mm

**ABS Plastic** 

10.000 m/cm

Single

3-Section

31-108

4 in

ABS Plastic

10.000 ft/in

Single

3-Section

31-04P

4 in

ABS Plastic

No Counter

Single

1-Section

\* Also available in Tenths and Metric. Add "T" for Tenths, and "M" for Metric (i.e. cat.# 32-12T).

31-308

10 in

Aluminum

10.000 ft/in

Single

Yes

Snap-Lock

\*Available

## /berger

Accurate, well balanced, easily portable for many applications. CST wheels feature a gear driven counter made from wear resistant Delrin® enclosed in a weather resistant professional designed housing.



Stanley® measuring wheels are durable and lightweight easy to read counters

The FatMax® MW50
is design for the
professionals in many
fields to provide reliable
measuring under the
toughest conditions.

a	i counters		1			<b>5</b>	<b>5</b>	ø	•
	Cat.#	77-236 <b>MW50</b>	77-195 <b>DMW40</b>	77-194 <b>MW408</b>	1-77-194 <b>MW40</b>	77-193 <b>MW208</b>	1-77-193 <b>MW20</b>	77-247 <b>MW108</b>	77-226 <b>MW10</b>
	Wheel Diameter	15.5 in	12 in (318mm)	12 in	318mm	4 in	97mm	4 in	1.6 in
	Wheel Type	Spoked	Aluminum	Aluminum	Aluminum	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
	Counter Reading	Feet	Digital- ft/Metric	10,000 ft/in	10,000 m/cm	10,000 ft/in	10,000 m/cm	10,000 ft/in	1,000 ft/in
	Wheels	Single	Single	Single	Single	Dual	Dual	Single	Single
	Wheel Stand	Yes	Yes	Yes	Yes				
	Handle	Metal Lock	Snap-Lock	Snap-Lock	Snap-Lock	3-Section	3-Section	3-Section	3-Section



### PROMARKER®

Measure and mark while you walk with ProMarker® marking wand.



Cat.#	32-PMW	32-30PM	32-400PM	
	Marker Wand	MM-30 PM	400 PM	
Wheel Diameter (Circ.)	4" (1')	11-1/2" (3')	15-1/4" (4')	
<b>Counter Reading</b>	10,000 ft/in	<sup>T, M</sup> 100,000 ft/in	<sup>M</sup> 100,000 ft	
Wheels	n/a	Single	Single Spoked	
Wheel Stand	-	Yes	Yes	
Handle	Trigger	Adj. w/Trigger	Adj. w/Trigger	
Wheel Brake	-	-	Yes	

Other Packages Available including <sup>™</sup> Tenths (32-MM-30TPM), <sup>M</sup> Metric (#32-30MPM and #32-400MPM)

### **MEASURING TAPES**

### **Pro-Series** Fiberglass Tapes

These Pro-Series Fiberglass Tapes are made with nonwoven PVC-coated fiberglass of superior durability.



### **BRASS PLUMB BOBS**

Precision machined for perfect balance and lacquered for a lasting finish. Includes a hardened steel point with ASA thread. Steel ASA screw cap allows storage for an extra point.

Cat.#	Size-Weight	Cat. #	Size-Weight
11-497	6 oz. (170g)	11-553	18 oz. (510g)
11-498	8 oz. (225g)	11-554	24 oz. (680g)
11-499	10 oz. (285g)	11-554A	32 oz. (910g)
11-550	12 oz. (340g)	11-554B	80 oz. (2270g)
11-551	14 oz. (400g)	11-555A	Extra cap only
11-552	16 oz. (455g)	11-555B	Extra point only

### GAMMON REELS

An aid to set up and deploy a clean, accurate plumb. Slip the reel into your palm and draw the bob to desired position and stop with finger pressure. Steel clock spring zips the string back into case.

Cat. #	Description
--------	-------------

11-728 Gammon Reel®, with hi-vis black and orange target

11-729 12'/3.6m Gammon Reel®

11-730 6 1/2' / 1.9m Gammon Reel®, with 72 lb. test Orange nylon cord

11-731 Bobbin of Orange Nylon Cord, 24 yds./21.9m



### "PRO-SERIES" POCKET TAPES

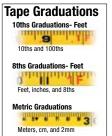
Power return features a smooth gliding action with a positive thumb lock and release. Weatherproof, impact-resistant plastic cases are enclosed in a rubber housing.

Cat. #	Length	Side	
78-R251	25-ft	ft/10ths/100ths	
78-R258	25-ft	ft/in/8ths	
78-R075M	7.5m	m/cm/mm	



78-R258 25' Tape

p Line







🧰 Line

1 Gear Ratio for Faster Rewind

### **Pro-Series Nylon-Clad** Steel Tapes

An indispensable measuring tool designed for the precision-minded user. Open reels feature new rubber reinforced, rounded design, large soft rubber grip handle. 1/2" tape width.

Cat. #	Length	Sides	UOM	End Type
82-30010A	300-ft	1	Ft/10ths/100ths	Type A end
82-30010B	300-ft	1	Ft/10ths/100ths	Type B end
82-30080A	300-ft	1	Ft/Inches/8ths	Type A end
82-30080B	300-ft	1	Ft/Inches/8ths	Type B end
82-30018B	300-ft	2	Ft/10ths, Ft/Inches	Type B end
82-20010A	200-ft	1	Ft/10ths/100ths	Type A end
82-20010B	200-ft	1	Ft/10ths/100ths	Type B end
82-20080A	200-ft	1	Ft/Inches/8ths	Type A end
82-20080B	200-ft	1	Ft/Inches/8ths	Type B end
82-1651MA	165-ft/50m	2	M/10ths, M/Inches	Type A end
82-1658MA	165-ft/50m	2	M/10ths, M/Inches	Type A end
82-10010A	100-ft	1	Ft/10ths/100ths	Type A end
82-10010B	100-ft	1	Ft/10ths/100ths	Type B end
82-10080A	100-ft	1	Ft/Inches/8ths	Type A end
82-10080B	100-ft	1	Ft/Inches/8ths	Type B end
82-10018B	100-ft	2	Ft/10ths, Ft/Inches	Type B end
82-1001MA	100-ft/30m	2	M/10ths, M/Inches	Type A end
82-1008MA	100-ft/30m	2	M/10ths, M/Inches	Type A end
82-30MA	30m	1	Metric	Type A end
82-50MA	50m	1	Metric	Type A end
82-100MA	100m	1	Metric	Tyne A end

### **PLUMB BOB TARGETS**

Cat. #	Description
11-425	4" x 4" Pressure Sensitive Target, Peel-Off Sheet
11-426	8" x 8" Pressure Sensitive Target, Peel-Off Sheet
11-431	2" x 4" Plastic Rectangular Target, red & white, notched
11-432	2-1/2" x 4" Translucent Yellow Target



### REPLACEMENT PLUMB BOB CORD

Braided linen cord comes in 25 yd. spools.

Cat. #	Description
11-732	White- Heavy
11-733	White- Medium
11-735	Orange- Medium



# **CST**/berger

255 W. Fleming Street Watseka, IL 60970 USA

**Phone:** 1-815-432-9200 Toll: 800-435-1859 815-432-5390 Fax:

www.cstberger.com
Proven. Innovative. One Solution