

## SAL "N" Series Automatic Levels



55-SAL24ND



Upgrade to the latest features and technology with CST/Berger's SAL Series Automatic Levels! These units now incorporate easy-to-grip styling and an improved compensator.

Designed for the contractor, surveyor, or engineer who demands accurate leveling every time, SAL automatic levels set up fast, are easy to use, and save time and money on every job. The SAL Series offers your choice of options: magnification, accuracy, and price.

- Magnetically-dampened, wire-hung compensator for optimum range and accuracy
- Compensator lock protects instrument during transport or storage; also acts as a handy compensator checking tool
- Large effective aperture and minimum focus of 1 foot (0.3m)
- Top-mounted optical peep-sight for quick reference
- Large, easy-to-use precise focusing knob
- Easy-to-read horizontal circle
- Right angle prism for easy bubble viewing
- Sealed, dust-protected leveling screws
- Water-resistant, sealed construction plus sunshade for use in various weather conditions
- Fine .motion knobs on left and right sides with friction-braked rotation, endless horizontal drive
- 1:100 stadia for distance estimation
- 5/8" x 11 threads to fit standard tripods
- Available in 360 degrees or 400 gons; please specify
- Includes hardshell carrying case with dual latches, plumb bob, Allen wrench, adjusting pin, and instruction manual

### < CST ITEMS

55-SAL20N	20X SAL Automatic Level
55-SAL24N	24X SAL Automatic Level
55-SAL28N	28X SAL Automatic Level
55-SAL32N	32X SAL Automatic Level
55-SLVP20N*	20X SAL Automatic Level Kit; Includes Tripod and Rod
55-SLVP24N*	24X SAL Automatic Level Kit; Includes Tripod and Rod
55-SLVP28N*	28X SAL Automatic Level Kit; Includes Tripod and Rod
55-SLVP32N*	32X SAL Automatic Level Kit; Includes Tripod and Rod

NOTE: Please add "D" for degrees or "G" for gons after the catalog number (e.g. 55-SAL 20D)

\*--Metric Kits: please add "M" for metric kits, which will include 60-ALQCI20 tripod and 06-804M rod.

SAL "N" SPECIFICATIONS

	SAL 20	SAL 24	SAL 28	SAL 32
Magnification	20X	24X	28X	32X
Leveling Accuracy	1/8" @ 100'	1/16" @ 150'	1/16" @ 200'	1/16" @ 250'
Working Range	200' (61m)	300' (91m)	350' (107m)	400' (122m)
Angular Accuracy	1°/1 gon	1°/1 gon	1°/1 gon	1°/1 gon
Clear Objective Aperture	36mm	36mm	40mm	40mm
Compensator Setting Accuracy	±0.8"	±0.8"	±0.5"	±0.3"
Standard Deviation for 1km Double-Run Leveling	2.5mm	2.0mm	1.5mm	1.0mm

ALL SAL "N" MODELS

Telescope	
Image: Erect	Length: 8" (202mm)
Minimum Focus: 1 ft. (0.3m)	Field of View: 1°20'
Resolution: 3.5" (9cm)	Stadia Ratio: 1:100
Stadia Addition: 0	
Horizontal Circle	
Diameter: 4" (10cm)	Minimum Division: 1° (1 gon)
Numbered Every: 10° (10 gon)	
Compensator	
Type: Wire Hung	Working Range: ±15'
<b>Center Type:</b> Spindle	<b>Circular Level Vial Sensitivity:</b> 8' (2mm)
<b>Tangent Style:</b> Continuous Drive	<b>Leveling Head</b> Three (3) screws
<b>Tripod Fastener</b> 5/8 x 11 (M16); can be used with flat or dome head tripods	<b>Instrument Net Weight</b> 4 lbs. (1.8kg)