

David White®

AutoLaser® 3100 Series Automatic Electronic Self-Leveling Laser

- * **The world's best value for rugged** automatic electronic self-leveling lasers.
- * **Visible beam laser** means one investment for both general construction and interior work. Pays for itself job after job.
- * **More standard features** for the money. Competitors offer them at double the price.
- * **Works through pouring rain** (IPX-4). Won't stop working until you do.



48-3150

Nobody helps you build better ... since 1895.

The New Generation of Professional Lasers ... an Unmatchable Value!

AutoLaser® Automatic Electronic Self-Leveling Lasers

Nobody helps you build better ... since 1895.

The Job Demands Precision. You Demand Performance. The AutoLaser 3100 Series Delivers.

To be the best in the business you need job experience and quality tools. David White gives you both. With over a century of construction tool know-how, we offer lasers to help you do your job faster and better. The AutoLaser 3100 Series is no exception. From its electronics to its rugged water and dust-proof outer housing, AutoLaser® is precision made to perform to your highest quality standards

Durable Handle


Designed for Ruggedness and Easy Handling. Dual 5/8" X 11 Tripod Threads for Horizontal and Vertical Mounting



Built-in Trivet for Lay-Down and Vertical Jobs.

5/8" X 11 Tripod Threads on Base as well as Handle for Horizontal and Vertical Mounting

Specifications

	3110-GR	3150	3175
 Beam Type <small>class II/IIIa</small>	650 nm	635 nm "standard"	635 nm "high powered"
Operating Range <small>with Laser Detector</small>	Up to 2000-feet (610m) Diameter with Laser Detector		
Leveling Type	Electronic Self-Leveling		
Horizontal Leveling	Yes	Yes	Yes
Vertical Leveling	No	Yes	Yes
Self-Leveling Range	±5°	±5°	±5°
Grade Capability <small>Manual</small>	Single Axis Up to 10%	— Manual Mode	Dual Axis <small>with ADS</small> Up to 10%
Accuracy	1/16-inch at 100-feet (1.6mm at 30m)		
Battery Power	75± Hours Intermittent Use with Alkaline Batteries 14+ Hours Used with Fully Charged Ni-Cad Battery Pack		
Rotation Speed <small>RPM</small>	Fixed 600	Variable 0, 150, 300, 600 0 - 1000	
Weight <small>Laser Only</small>	5.5 ± lbs. (2.5kg) with Batteries		
Dimensions	8" Height x 6-1/4" Width x 6-3/8" Depth (203mm H x 159mm W x 162mm D)		
Visible Split-Beam	No	Yes	Yes
Scanning Feature	No	Yes	Yes

AutoLaser® 3175

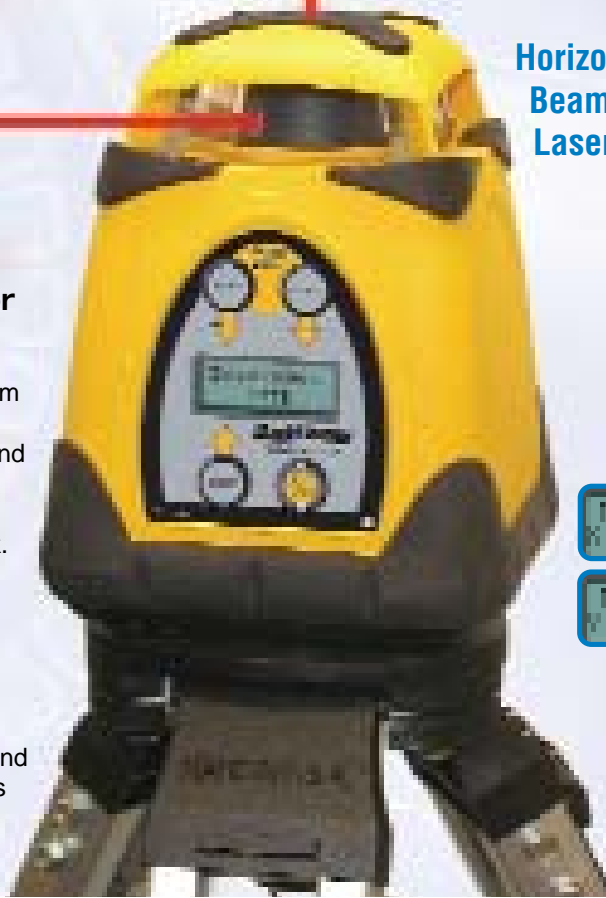
Horizontal/Vertical Visible Split-Beam Electronic Self-Leveling Laser with Dual Dial in Grade

"High Powered" Diode

Precision and power for both interior and outdoor operations.

For the contractor who needs optimum versatility, the AutoLaser 3175 is the laser of choice. Its bright red beam and variable rotation speed offer the flexibility of use with or without a detector for interior and outdoor work. Larger electronic self-leveling range maintains horizontal level throughout set-up even on sites with high traffic and vibration.

Glass enclosed beacon and durable sealed housing is completely water and dust-resistant (IPX-4) to ensure years of dependable operation.



Set Dual Axis Grade (10%), Sweep (Chalk line), Point-To-Point, and Spot modes allow you to adapt the 3175 to your needs.



AutoLaser® 3110-GR
Visible Horizontal Beam
Electronic Self-Leveling
Single Grade Rotary Laser
Ideal for Exterior Jobs!



Protected Glass Housing
 (IPX-4) water proof

Battery Level LED Indicator Lights so you
 don't run out of power at the wrong time

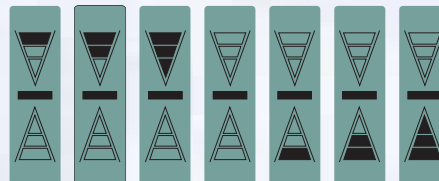
AutoLaser® 3150
Horizontal/Vertical Visible
Split-Beam Electronic Self-
Leveling Rotary Laser
Ideal for Indoor/Outdoor Jobs

Features

	3110-GR	3150	3175
LCD Display with dual axis grade capability			★
Scanning Feature increases beam visibility		★	★
Variable Speed Rotation for maximum visibility in any light condition		★	★
Anti-Drift System to signal operator when unit is moved out of position	★	★	★
CW and CCW Head Positioning for fast and easy alignment in vertical/horizontal applications		★	★
Battery Level Indicators (color LEDs) so you don't run out of power at the wrong time	★	★	
No Bubble Required – wide self-leveling range of $\pm 5^\circ$ (1° per second in horizontal mode only)	★	★	★
Pro Grade Motorized Electronic Self-Leveling for speed and convenience	★	★	★
Heavy Duty Glass enclosed beacon and sealed housing is water/dust-proof (IPX-4) to ensure years of dependability.	★	★	★

David White LD-18N Electronic Laser Detector with Heavy-Duty Rod Clamp

- Front and rear LCD displays
- Compatible with most visible and invisible rotary lasers
- Memory feature preserves last position of beam if the unit is moved out of the plane of light
- Three distinct tones (high, on-grade, and low) assist targeting from a distance
- Built-in filtering for bright sunlight and electromagnetic interference
- Automatic shut-off after six minutes of inactivity saves battery
- Includes heavy-duty rod clamp
- Water proof to IPX-4 standards
- *One Year Warranty*



The LD-18N features seven channels of information indicating the position of the detector in the plane of laser light.

Laser Accesories Guide

LD-18N
Detector
48-5420N

Grid
Target
47-5310N

Red Laser
Glasses
57-GLASSES

Aluminum
Tripod

Aluminum
Leveling
Rod

Ni-Cad
Batteries/
Charger

Wall Ceiling
Vertical
Mount
48-5296N

Remote
Control



3110-GR Models & Packages Exterior Laser

48-3110GR



48-3110PKG



3150 Models & Packages Horizontal/Vertical Split-Beam Laser

48-3150

48-3150-1



x 2



48-3150-2



x 2



3175 Models & Packages Exterior/Interior Grade Laser

48-3175



48-3175-1



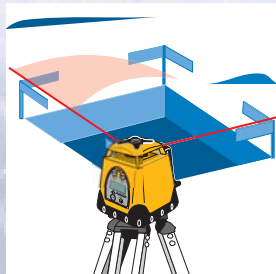
x 2



Ni-Cad battery pack and charger can be added to any of the above lasers. When ordering, add suffix "D" for 120V charger and suffix "E" for 220V charger (e.g. 48-3150D is the 48-3150 with a Ni-Cad battery pack and 120V charger. All packages include hard-shell carrying case and user's manual.

Ideal Uses:

- Outdoor General Construction Applications
- Site Preparation
- Grading and Excavation
- Batterboards and Foundations
- Masonry Work
- Setting Concrete Forms
- Machinery Installation
- Marking Elevation
- Septic Work
- Paving Roads, Driveways
- Checking Depth of Trenches
- And Much More!

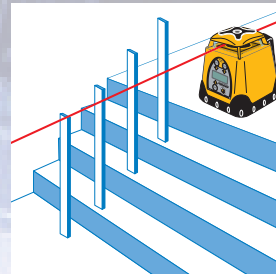
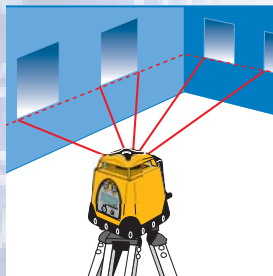


"Wiggle" scanning feature increases visible range

Scanning feature of the 3150 and 3175 creates a line of concentrated laser light that expands visible range. Four scanning ranges let you adjust line width. Concentration of beam eliminates interference on busy job sites.

Accuracy and range to fit every job requirement

The 3100 Series AutoLasers have an accuracy of $\pm 1/16"$ at 100 feet ($\pm 1.6\text{mm}$ at 30m) and a 2000 foot diameter (200m) range with a detector.

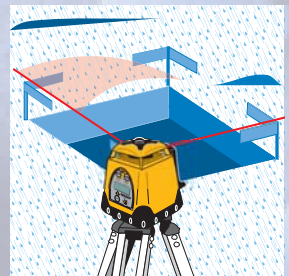


Rugged water-proof and dust-proof construction (IPX-4)

The 3100 Series AutoLasers feature an enclosed beacon and sturdy housing to provide maximum durability. Won't stop until you do - even through a pouring rain. Made to last - backed by a full 2-year warranty.

Grade feature gives you one person elevation control

The 3110-GR and 3175 models perform slopes on grade $\pm 10\%$. Dual axis (model 3175) slopes to meet a grade plane or non-level surface.



David White

P. O. Box 359
Watsoka, IL 60970 USA
815-432-5237, 800-435-1859
FAX: 815-432-2417
E-mail: custserv@davidwhite.com
Website: www.davidwhite.com

Available at your local David White distributor