

STORM

LASEROMETER

Apache builds the toughest and most accurate laser detection products in the world.



CAPTURE Function

The CAPTURE function can take grade readings remotely when you cannot see the display.

Press the CAPTURE switch and put the STORM anywhere in the laser beam. It will lock onto the reading and capture it.

The reading will be retained for viewing.

Additional Menu Features include:

- Selectable Automatic Shutoff - 30 minutes, 24 hours, or turned off.
- Out of Beam Display on or off - indicates which direction to move to pick up the laser.
- Laser Out-of-Level and Low Battery communication with certain laser transmitters.
- Arrow Display selection - bars equal the accuracy setting or proportional to reception length.
- Adjustable Reception Sensitivity to meet jobsite conditions.
- Digital Readout display can be turned on or off.

Specifications

Working Radius:	3 ft. - 1000 ft. (1 m - 300 m)			
Laser Detection Height:	Laser dependent			
Numeric Readout Height:	5" (127 mm)			
Accuracy:	in	in (frac)	ft	mm
Ultra Fine	0.02	1/32	0.002	0.5
Super Fine	0.05	1/16	0.005	1.0
Fine	0.10	1/8	0.010	2.0
Medium	0.20	1/4	0.020	5.0
Coarse	0.50	1/2	0.050	10.0
Calibration	0.01	1/64	0.001	0.1

Reception Angle:	± 45° minimum
Detectable Spectrum:	610 nm to 780 nm
Beeper Volumes:	Loud 110 dBA Medium 95 dBA Low 65 dBA

LED Grade Indicators:	Front, Green on-grade, Red Hi/Low
Power Supply:	2 x 1.5 Volt "AA" batteries
Battery Life:	60+ hours
Automatic Shut Off:	Selectable, 30 minutes, 24 hours, Off
Environmental:	Waterproof, Dustproof to IP67
Drop Specification:	3 random drops from 10 ft (3 m) onto concrete slab

Dimensions without clamp:	6.6" x 3.0" x 1.4" (168 x 76 x 36 mm)
Weight without clamp:	13.1 oz. (371 g)
Clamp Bubble Vial:	Optional Kit
Shipping Dimensions:	8.0" x 4.8" x 3.4" (203 x 122 x 86 mm)
Shipping Weight:	22.9 oz. (650 g)
Operating Temp:	-4°F to +140°F (-20°C to +60°C)
Storage Temp:	-40°F to +158°F (-40°C to +70°C)
Colors:	Red, Yellow, Orange, Blue

*Specifications subject to change without notice

The Best Clamp

Heavy duty clamp will not break when overtightened - it's covered by the same 3-year warranty as the Laserometer. Patented reversible jaw grips firmly to round, oval, or square rods.



Trade-In Program

Get credit for your old, outdated, or broken units. Visit laserometer.com for details.



Made in USA

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Apache Technologies, Inc. is the world's largest manufacturer of laser detectors for construction and agriculture. This position of leadership was earned by developing leading edge, proprietary and patented laser detection technologies. These technologies are employed in all of Apache's handheld detectors and machine control receivers.



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Full Length Reception Height

Digital Readout of Elevation

The Toughest in the Industry

3-Year "No Excuses" Warranty



STORM Laserometer™
The Revolution in Laser Detection



The Revolution in Laser Detection

Over half a million contractors rely on Apache for their laser grade checking needs. Your experience, combined with our expertise, has generated a revolution in the way you check and measure elevations.

SuperCell Reception Technology

SuperCell technology improves every aspect of the way you pick-up your laser and check your elevations. Accuracy, toughness, and reception height have all been redefined - at an affordable price. It is a must have for anyone who needs to know where their elevation is - quickly.

Accuracy

Select from five settings to suit your jobsite tolerances. The Laserometer will not only show you high, low, and on-grade - but how far from on-grade. Digital readouts are displayed in your choice of units.

Simplicity

Easy to use. Turn it on and go. Basic functions are a single press away. Set your accuracy and loudness levels, and get to work. It will remember your last settings, even after changing the batteries.

Efficiency

Huge vertical reception range lets you find the beam quickly, even at long distances. Checking elevation without moving the clamp on the rod will turbocharge your grade checking.

Reliability

We know it's going to get abused, dropped, splattered with concrete - it has been designed to take it. Proven Apache ruggedness is built in. Totally waterproof and designed to stand up to the toughest construction environments. New SuperCell technology uses durable acrylic components rather than fragile soldered components of traditional methods.

Add Value

Add value to your existing laser systems. Increase productivity of the systems you already own. Works with all infrared and red beam rotating lasers. Use everywhere you currently use your laser.

Digital Read Out

Not only will you be able to tell if you are high, low, or on-grade - you will be able to tell by EXACTLY HOW MUCH. Know how hard to hit the stake. Know how far to move the form. Get a quick estimate of how much material to bring in or take out.

Huge Reception Height

Picks up the beam quickly and easily. No more missing the beam and searching high and low for a laser strike. Forget about repositioning the clamp to find a small change in elevation.

Instant Information

On a concrete pour, you don't have time for guesswork. Get precise elevation information instantly.



Faster Grade Checks

Measure grade to ± 2 inches (± 5 cm) without having to reposition the clamp. You can use a cheap staff rather than a grade rod.

Vertical Alignment

Bright LED's and large pick-up window make vertical alignment quicker.

Use for tilt-up walls, anchor bolt and column layout, curtain walls, etc.



Loud Beeper Output - loud enough to be heard on noisy job sites. Selections include loud, medium, low, or off.

Extra-Large LCD on front and back graphically displays information and settings and is easy to read from a variety of angles.

21 position arrow display can be scaled to the accuracy setting for quick graphical reference.

LED's - Super-Bright diodes give quick grade information. Green on-grade; red high or low. Can be turned On or Off.

Remote CAPTURE function acquires and retains a reading - useful for taking remote readings.

Units of measure sets digital readout and deadbands in feet, inches, fractional inches, mm, or cm.

Level vial assures accurate markings and readings



(Actual Size)

New Strobe Light rejection filter - eliminates false readings from job site strobe lights.

Digital Read Out - Not only will you be able to tell if you are high, low, or on-grade - you will be able to tell by exactly HOW FAR.

Patented 2 position rod clamp location - offset position utilizes majority of reception area for driving rod to grade.

Notch and bars align with center on-grade position for quick marking. On-grade is 3.15 inch (80 mm) below top of unit.

Huge 5 inch (127 mm) reception height acquires the beam quickly and is easy to stay in the beam.

Menu function allows users to select additional settings and preferences.

Protective over molding provides added protection from drops and typical abuse.

Two Clamp Positions

Standard center position provides equal amount of grade information above and below grade.

Offset position - an Apache innovation in machine control receivers - moves the on-grade location giving **more above grade** reception height and information. Beneficial in driving stakes to grade or checking excavations and cuts.

The clamp position is automatically detected by the Laserometer, another patented Apache innovation.



Absolutely Waterproof

Dunk it, scrub it, hose it off. It's the toughest on the planet!

