

STORM™

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# Apache

Technologies

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

# **STORM**

## **LASEROMETER**

### ***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  $\pm 2$  inches ( $\pm 5$  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.





### 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!



# 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 dependent                                    |           |       |      |      |
| Laser Detection Height:   | 5" (127 mm)  |           |       |      |      |
| Numeric Readout Height:   | 4" (102 mm)  |           |       |      |      |
| Accuracy:                 | in   | in (frac) | ft    | mm   | cm   |
| Ultra Fine                | 0.02   | 1/32      | 0.002 | 0.5  | 0.05 |
| Super Fine                | 0.05   | 1/16      | 0.005 | 1.0  | 0.10 |
| Fine                      | 0.10   | 1/8       | 0.010 | 2.0  | 0.20 |
| Medium                    | 0.20   | 1/4       | 0.020 | 5.0  | 0.50 |
| Coarse                    | 0.50   | 1/2       | 0.050 | 10.0 | 1.0  |
| Calibration               | 0.01   | 1/64      | 0.001 | 0.1  | 0.01 |
| 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](http://laserometer.com) for details.



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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.*



### BULLSEYE Machine Control Receivers

**The Laser Detection Experts  
Over 500,000  
Laser Detection Units Sold**

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