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• **S2 Compound Slope Kit**

The S2 kit is standard equipment on the *AS<sup>2</sup> MAGNUM* and a low cost option for the *AS<sup>2</sup>*. It enables the laser to be set and aimed for projecting a compound (dual) slope. Using the included chart, simply look-up the main and cross slopes for the site. The chart shows the resultant compound slope to dial-in and the proper compound angle to aim the laser. Complete instructions are printed on the back of the chart and in the operations guide.

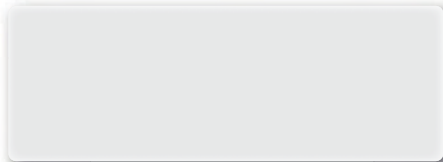
The S2 gives you the capabilities of dual slope lasers costing thousands more.



Founded in 1991, Laser Reference, Inc. only makes professional quality laser systems. We don't make tripods, rods, measuring tapes or other non-laser specific products. We are specialists and experts in the laser field. The company founders began their careers in the laser business in 1975 and have developed technologies that are used today in products from most of the major laser manufacturers.

You won't see our products in the "big box" stores, only at professional outlets where the level of support and service are appropriate for a tool that builders rely on to help them complete their projects with consistent accuracy and high performance.

Contact Your Pro Shot™ Dealer Today:



# AS<sup>2</sup>

*High performance slope laser systems*



**15**  
 Years of Excellence  
 1991 - 2006

*AS<sup>2</sup> MAGNUM*

- **25% slope capability**  
 With precise .01% increments
- **3300' (1000m) diameter**  
 Cover huge sites in one setup
- **Accuracy: .060" @100' (1.5mm @30m)**  
 Maximum performance
- **Servo motor self-leveling**  
 One button leveling
- **Compound slope capable**  
 Adapter and chart included

PRO SHOT™

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# Pro Performance.

# Unbeatable Value.



- The *AS<sup>2</sup> MAGNUM* builds on the unrivaled combination of high performance and low price that the *AS<sup>2</sup>* offers. Precise slope to 25% with .01% increments, a huge 3300ft (1000m) working diameter and exceptional 10 arc second accuracy make it an excellent laser for long range grading, sewer lines (including horizontal curves and cast-in-place), or any situation where maximum accuracy and ultimate performance are mandatory.



Along with great features for the jobsite, the *AS<sup>2</sup> MAGNUM* and *AS<sup>2</sup>* are protected by the best warranty in the industry.

- The *AS<sup>2</sup>* offers machine control compatibility, precise slope to 25% and a 2000ft (610m) working diameter. It is a great laser for grading, excavating and drainage applications. It has been the preferred choice of sewer contractors who shoot "over the top" for more than ten years. Why? With .01% slope precision you can set the laser to match your cut-sheet, no calculating or guessing. Because it is a rotary laser, there is no need to break-down your setup, or stop your crew when showing an inspector that you are matching hubs or cut stakes. Because it always self-levels, your crew can be productive and confident.

The *AS<sup>2</sup>* delivers far more performance at a better price than any other automatic or semi-automatic slope laser. Don't settle for a laser that won't even self-level, or can't maintain its accuracy when it has slope dialed-in.

- **Grading**
- **Sewer Lines**
- **Excavating**
- **Drainage**

• **Guardian 36 month warranty** covers any defects in materials or workmanship. It also covers parts for the internal leveling mechanism, laser diode, internal optics and rotating mirror against damage **from any cause**. (see warranty statement for complete details)

### 100% temperature tested

Every *AS<sup>2</sup>* and *AS<sup>2</sup> MAGNUM* laser is individually tested through a range of temperature to assure that it will perform under your jobsite conditions. We don't just assume that if one works they will all work, like other manufacturers.

### AS<sup>2</sup> and AS<sup>2</sup> MAGNUM Specifications

Range with receiver - AS <sup>2</sup> .....	1000' rad. / 2000' dia. (305m / 610m)
<b>MAGNUM</b> .....	<b>1650' rad. / 3300' dia. (500m / 1000m)</b>
Leveling accuracy - AS <sup>2</sup> .....	± 14 arc sec. (± 2.0mm per 30m) (± .080" per 100ft)
<b>MAGNUM</b> .....	<b>± 10 arc sec. (± 1.5mm per 30m)</b> (± .060" per 100ft)
Slope capability .....	0 to 25% single axis, .01% increments
Compound slope adapter .....	<b>MAGNUM: Standard / AS<sup>2</sup>: Optional</b>
Laser type - AS <sup>2</sup> / <b>MAGNUM</b> .....	CDRH: Class 2 / <b>Class IIIa, IEC: Class 3R</b> (both)
Rotation coverage / speed - AS <sup>2</sup> ...	360 degrees / 600rpm
<b>MAGNUM</b> .....	<b>360 degrees / 600, 900, 1200rpm (selectable)</b>
Self leveling type / range .....	Servo motor / ± 4 degrees
Power supply .....	Four C-cell batteries (alkaline std.)
Re-chargeable batteries .....	Optional NiMH kit available
Battery life (continuous) - AS <sup>2</sup> .....	115 hours (alkaline) / 95 hours (NiMH)
<b>MAGNUM</b> .....	<b>70 hours (alkaline) / 55 hours (NiMH)</b>
Environmental .....	Dust and water resistant (IP55)
Operating temperature .....	14°F to +122°F (-10°C to +50°C) <b>14°F to +140°F (-10°C to +60°C)</b>

Let the *AS<sup>2</sup>* or *AS<sup>2</sup> MAGNUM* put you in control of all your jobsite alignment needs.



### R8 Receiver specifications

Reception Height .....	2 inches (50mm)
Reception Angle .....	90 degrees
Standard mode accuracy ..	±1/16 in. (±1.6mm) nominal
Coarse mode accuracy .....	±1/8 in. (±3.2mm) nominal
Ultra-fine mode accuracy ..	±1/32 in. (±1mm) nominal
Power Supply .....	2 AA batteries
Battery life (alkaline) .....	>70 hours continuous
Automatic Shut Off .....	After 30 min. (no laser strikes)
Environmental .....	Sealed against dust and water
Adjustable tone volume ....	High / Low / Off
Warranty .....	Defects coverage - 24 months



### R7 Receiver specifications

Reception Height .....	2 inches (50mm)
Reception Angle .....	120 degrees
Standard mode accuracy ..	±1/16 in. (±1.6mm) nominal
Coarse mode accuracy .....	±1/8 in. (±3.2mm) nominal
Ultra-fine mode accuracy ..	±1/64 in. (±1mm) nominal
Power Supply .....	9 volt battery
Battery life (alkaline) .....	60 hours continuous
Automatic Shut Off .....	After 12 min. (no laser strikes)
Environmental .....	Sealed against dust and water
Adjustable tone volume ....	High / Low / Off
Warranty .....	Guardian 36 months

