

# A710

the ultimate  
multi-tasking tool

## Universal Laser

## Automatic Dual Grade

 Site Work & Leveling

 Machine Control

 Pipe Laying

 Alignment

 Interiors

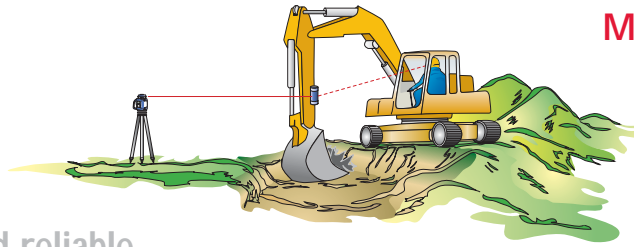


*Infrared or radio  
communication*



 **AGATEC**   
Construction Lasers

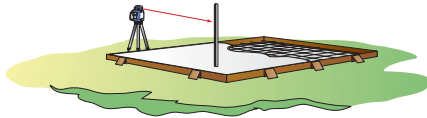
# A710



## Machine Control

The accuracy and time-savings of machine control are now within reach of even small excavators. It's easy to set precise grades for single and dual slope grade control with the A710. Completely automatic, there's no need for compound slope adapters with complicated charts. Has six rotation settings, including the faster speeds needed for machine control receivers.

> Rugged and reliable...

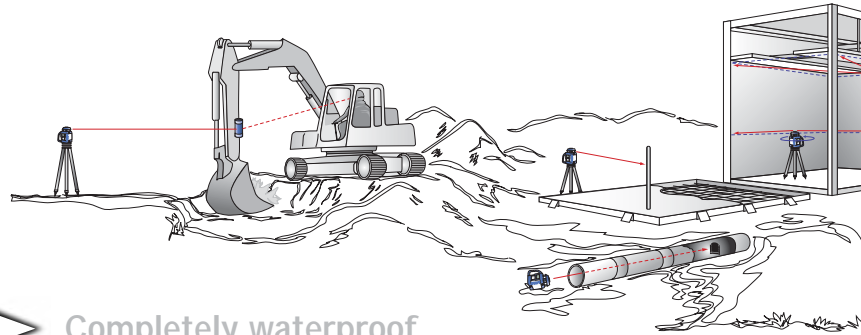


## Site Work and Leveling

The A710 is ideal for checking elevations, setting forms, digging footings, checking foundations, screeding concrete, and much more...



> Dual grade...



> Completely waterproof...

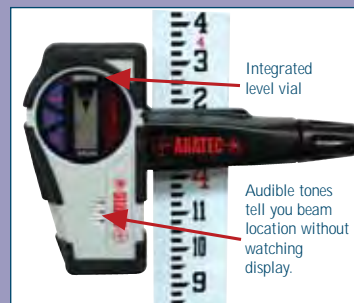
## Pipe Laying

So versatile, you can even use it for sewer connections, such as pipe leads, or any runs up to 100 ft., and grades up to 10%. The handle is detachable, allowing the laser to be used in 6" pipes. Long 40-hour battery life.

### GC package for leveling, layout, and alignment

Includes laser, SR200 detector with rod clamp, and remote control/keypad.

Get to grade fast with the back LCD. Allows you to stand behind rod and look toward laser to quickly find on-grade signal.



### SR200 Detector

Convenient front and back displays, choice of accuracy, and five grade indicators: high, near grade high, on-grade, near grade low, and low.

### Site and Pipe package

Includes laser, remote control/keypad, adjustable pipe target, and the MR240 machine mount receiver with magnetic attachment.

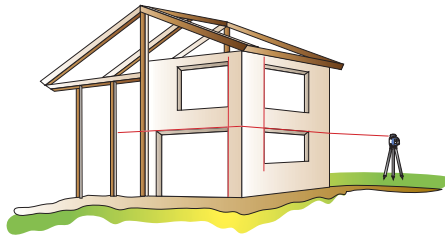


### High performance features at an affordable price

- Single or dual slope grade control ( $\pm 10\%$ )
- Electronic, motorized leveling in horizontal and vertical
- Two-way remote control keypad
- LCD on keypad displays laser functions and status
- Automatic and manual modes
- Electronic left and right adjustable beam for layout or short-run pipe laying
- Visible beam
- Adjustable scanning
- H.I. warning prevents errors
- Electronic field calibration saves trips to the repair shop
- Waterproof
- Rugged metal construction



# Universal Laser Automatic Dual Grade

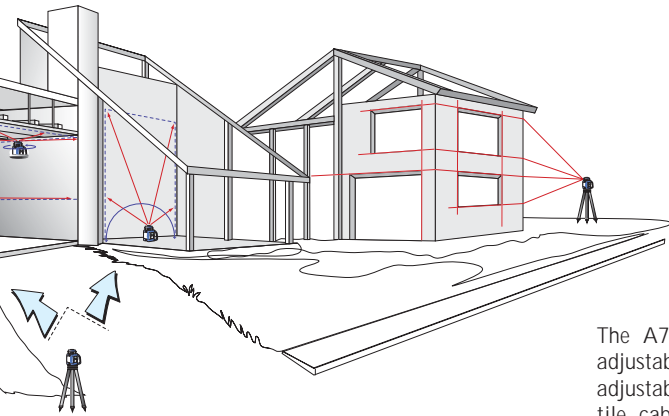


## Alignment and Layout

> Completely self-leveling...

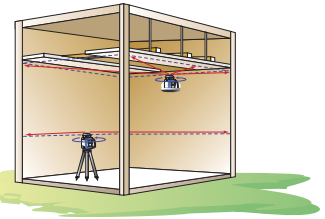
Fully automatic in vertical mode, the A710 can be used to install and align tilt-up walls, partitions, and window and door frames.

Use it for squaring walls, decks, foundations and other layout jobs.



## Interiors

> Multipurpose...



The A710 has the features you need for interior jobs as well - adjustable scanning and a constant square shot that's left and right adjustable for partition installation. Acoustical ceilings, wall and floor tile, cabinets and countertops - all easily install with the A710.

## FINALLY...ONE LASER THAT DOES IT ALL!

### Specifications

Recommended use	1,000 ft. diameter (300 m)
Accuracy	± 1/8" at 100 ft /3mm at 30m (± 0.010% or 20 arc sec) at 0% grade; (± 0.015% or 30 arc sec on grade)
Leveling range	± 10%; ± 5.7°
Automatic grade range	-10% to +10% in X, Y and Z in increments of 0.001%
Laser beam	635nm, visible, <5mW IEC/CDRH: Class 3R Split for leveling, plumb/squaring
Rotation speeds	0-60-150-300-450-600-700 rpm
Scanning	Choice of 3 lengths
Communication (with remote)	Radio frequency or infrared
Laser battery life	NiMh rechargeable; 40 hrs
Environmental	Laser is waterproof: IP67; nitrogen purged Remote is weather-resistant
Tripod mount	Standard 5/8-11
Size	5" x 4.5" x 8.5" w/out handle; 7 lbs. (12.5 x 11.5 x 22cm; 3.2 kg)

Detach the keypad, and it's a two-way RF remote control.



Check out the job site accessories for the A710





**For the contractor**

**//** The A710 is real easy to use, and it's got all the features of more expensive lasers. The keypad's removable, which is handy - I can use it to set grade, change speeds...even calibrate it. I couldn't believe you could get this much laser for the money! **//**

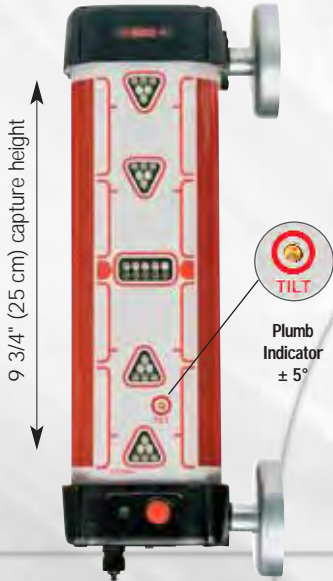


**For the site superintendent**

**//** I don't need to own several models of lasers anymore - one is enough for all our jobs. One day we might be using it for footings, the next day for laying out parking lots.

This laser's a real time-saver, and it's been a great investment for us! **//**

# A710 accessories



9 3/4" (25 cm) capture height

**TILT**  
Plumb Indicator  
± 5°

## Machine Display Systems

The MR360R and MR240 offer accurate grade information for all visual machine control applications. At a glance, LED indicators show the position of the bucket or blade in relation to the laser reference beam.

One-person operation saves time and money

### MR360R receiver and remote display

Large 360° detection windows pick up any rotating laser, from any angle. Ideal for excavators, dozers, and drag boxes. Both receiver and remote have 7 display channels on coarse mode and 9 channels on fine. Includes high performance features, such as plumb indicator and wireless technology.



Laser sends beam (elevation control) to MR360R receiver.



Operator views lights indicating grade information on MR360R mounted on excavator arm.

Or, operator views indicators on remote display mounted on cab windshield. Wireless RF signal from receiver eliminates clumsy cable connection.

Available with large magnets or optional mounting clamps

### MD360R remote display

Allows the operator to view the indicators and the ditch and bucket in the same view. Clear panel doesn't block operator's view; has convenient suction cup mount.

### Kombo Tripod

Combines aluminum tripod and quick-attach grade rod in one easy-to-carry package. Includes a sturdy carrying bag.



Detachable rod

Tripod

### MR240 receiver

Ideal for use with backhoes and mini-excavators, this receiver offers the convenience of a machine-mounted display at an economical price.

- 240° nominal detection, ~6" (14 cm) capture height.
- Choice of settings: 3 display channels (LED indicators) in coarse mode; 3 or 5 channels in fine.



Uses extra strong rare earth magnets; easy to detach with release handle



**Contact us about our full line of construction accessories!**

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