

PLS•PACIFIC LASER SYSTEMS

OUR WARRANTY & SERVICE

PLS laser tools are designed to be a career purchase with a lifetime of profit and productivity. The PLS North America warranty covers product workmanship for three years after date of purchase. Our lifetime exchange program allows our customers to retain a trade in value for our tools after the warranty period. Non warranty trade in of damaged or "well aged" tools direct with PLS or an authorized PLS dealer increases the long term benefits of PLS ownership. Ask about our ETN trade program. To locate an authorized dealer near you, call PLS or visit our website.

WWW.PLSLASER.COM



2550 KERNER BLVD., SAN RAFAEL, CA 94901

The PLS5, PLS4, PLS3, PLS180 Palm Laser and PLS90 are registered trademarks of PLS • Pacific Laser Systems • The PLS5 utilizes our patented technology, U.S.

Patent No. 5,144,487.

PLS180 No. 7,497,018 B2

Brochure revised September 2014



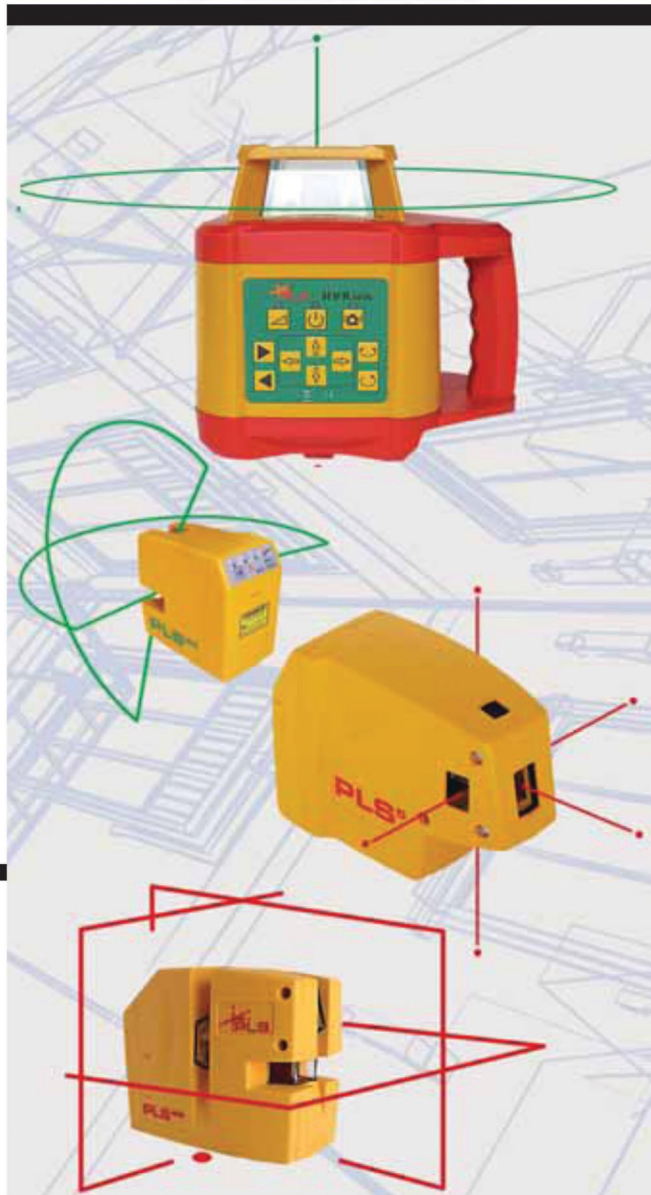
To help protect our environment, we encourage you to recycle at approved recycling location. Do not dispose of the battery in normal household waste.



**ASK YOUR DEALER TO DEMONSTRATE
A PLS LASER TOOL**

Accurate

INSTRUMENTS



FOUNDATIONS

General contractors, new residential and remodeling contractors will appreciate the simple set up and accurate layout for basements, concrete slab and decks.



PLS 505R



PLS 505G



PLS 1000



PLS 480

INTERIORS

Commercial and remodeling contractors will save layout time, verify existing conditions and improve installation for electrical, HVAC, tile, glazing, staging and more.



PLS FT90



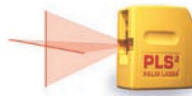
PLS 505G



PLS 100



PLS 180



PLS 2



PLS 1

PARTITIONS

Multi-story commercial, light industrial, drywall, masonry and tilt-up projects will realize labor efficiencies while reducing compound errors and rework.

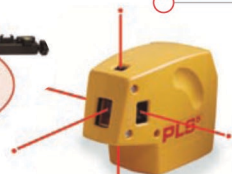


PLS 3

GREEN
BEAM



PLS 360



PLS 5



PLS 4



PLS 480



PLS 180

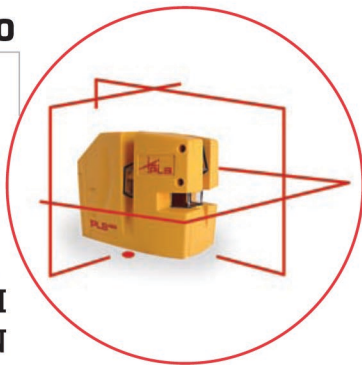
GREEN
BEAM

PLS 480 TOOL PLS - 60611

PLS480 TOOL

SQUARE AND HORIZONTAL LAYOUT WITH PLUMB DOWN AND UP

Multi-functional self leveling. Self leveling interior-exterior square and horizontal laser lines. Ideal for foundations, walls on slab and more.



Use outside with our SLD laser receiver.
(optional)

PLS 480 SPECIFICATIONS

- Working Range: 60 meters outdoor w/detector
- Cross Line Accuracy: +/-3mm @ 18 meters
- Plumb Down: +/-6mm @ 6 meters
- Power Supply: 3AA batteries, alkaline or rechargeable
- Operating Time: +/- 25 hrs. continuous use w/horizontal beam
+/- 15 hrs. continuous use w/square beam
- Dimensions: 5.6" x 4.6" x 2.9"
- Weight: 1.25lb. (.57kg)

THE PLS 480 TOOL INCLUDES:

- Magnetic Wall Bracket
- Carrying Case
- Pouch
- Operating Manual
- Basic Floor Stand
- 3AA Batteries

Class II Laser Product

PLS FTA1

UNIVERSAL BASE TRIPOD ADAPTER PLS - 21114

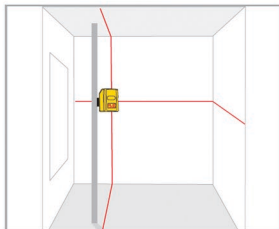
PLS UNIVERSAL BASE TRIPOD ADAPTER

THE PLS
UNIVERSAL
ADAPTER
WILL
INCREASE
THE
UTILITY AND
APPLICATION
FOR MANY PLS CONTINUOUS LINE
AND POINT-TO-POINT TOOLS.

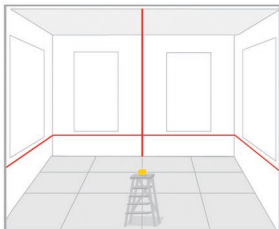


Place your PLS laser on batter board, tripod, metal stud and substraight floor. Move the laser line or point incrementally with the fine tuning knob. Indoor and outdoor applications are done accurately and faster.

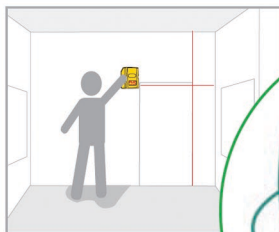




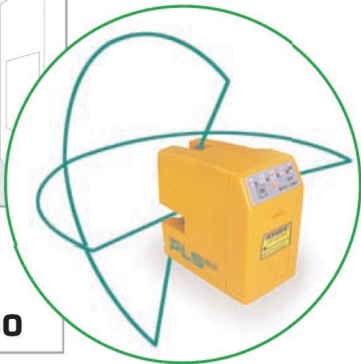
- PAINT
- WALLPAPER



- CARPENTRY
- DRYWALL
- ACOUSTIC CEILING

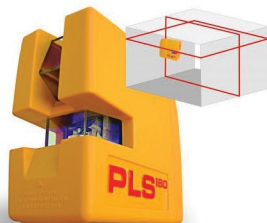


- WINDOWS
- DOORS



PLS180
TOOL

PLS - 60521



PLS180 TOOL PALM LASER INTERIOR HORIZONTAL-VERTICAL LAYOUT

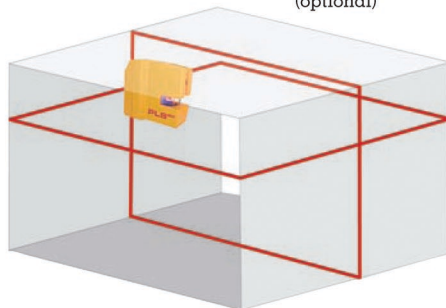
This plumb, level and square laser line tool is brighter than most rotary lasers at a fraction of the cost. **Fast, accurate and portable**, the PLS180 Palm Laser saves you time and money when your bubble vial level or rotary laser is too cumbersome or too limited for the job.

NOW AVAILABLE IN HIGH VISIBILITY GREEN BEAM

PLS - 60596



Use outside with our SLD laser receiver.
(optional)



PLS180 SPECIFICATIONS

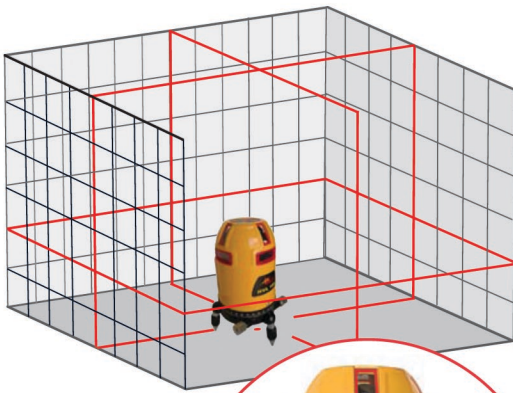
- Accuracy: +/-3mm @10 meters
- Power supply: 3 AA batteries
- Dimensions: 2" x 2 7/8" x 3 3/8"
- Multiple Functions
- Range: 30 meters
- Patent #7,497,018 B2
- Leveling Range: 6°
- Operating Time: +/- 30 Hrs.
- Continuous
- Weight: 1.7 lbs (.77 kg.)
- Class II Laser Product

THE PLS180 INCLUDES:

- PLS180 Laser
- Compact Carrying Case
- PLS180 Pouch
- Wall Bracket
- Operating Manual

- SIDING
- WINDOWS
- MASONRY

- DECKING
- FENCING
- LANDSCAPING



PLS¹⁰⁰ SYSTEM

PLS - 60561

PLS 100 SYSTEM

360 DEGREE HORIZONTAL & VERTICAL LINES; FULLY SELF LEVELING

The 100 line laser tool is fully self leveling with horizontal and vertical lines for multiple applications. Ideal for:

- Interior remodeling
- Ceramic tile
- Layout
- Electrical /HVAC
- Wallpaper



Use outside with our SLD laser receiver.

PLS¹⁰⁰ SPECIFICATIONS

- Accuracy: +/- 3 mm @ 18 meters
- Power supply: Rechargeable NiMH batteries
- Dimensions: 8" x 3 3/4" x 11 1/2"
- Range: 30 meters w/optional SLD receiver
- Leveling Range: +/- 4°
- Weight: 4lbs. 6 Oz. (2 kg.) (including batteries)

THE PLS100 SYSTEM INCLUDES:

Class II Laser Product

- PLS100
- 4 NiMH Batteries
- SLD Receiver (optional)
- Wall Bracket
- Layout Targets
- Adjustable Turning Base
- Carrying Case
- Operating Manual

PLS² TOOL

HORIZONTAL-VERTICAL LAYOUT

The PLS 2 Palm Laser is a simple, easy solution for short and mid-range interior horizontal and vertical layout tasks. This compact, laser line tool is brighter than most rotary lasers at a fraction of the cost. Save time everyday in layout and installation.

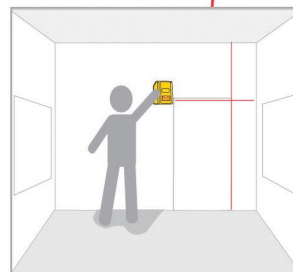
Self
leveling,
accurate
and
durable.



PLS² TOOL

PLS - 60528

- FRAMING
- CABINETRY
- TILE



- CERAMIC TILE
- WINDOWS & DOORS
- CHAIR RAILS

PLS² SPECIFICATIONS

- Accuracy: +/- 3mm @ 10 meters
- Weight: 10 oz. (.28 kg.) (including batteries)
- Power supply: 3 AA batteries
- Dimensions: 2" x 2 7/8" x 3 3/8"
- Range: 20 meters
- Self Leveling Range: +/- 6°
- Operating Time: +25 Hrs. Continuous

Class II Laser Product

THE PLS2 TOOL INCLUDES:

- Pouch
- Batteries
- Magnetic Wall Bracket
- Operating Manual

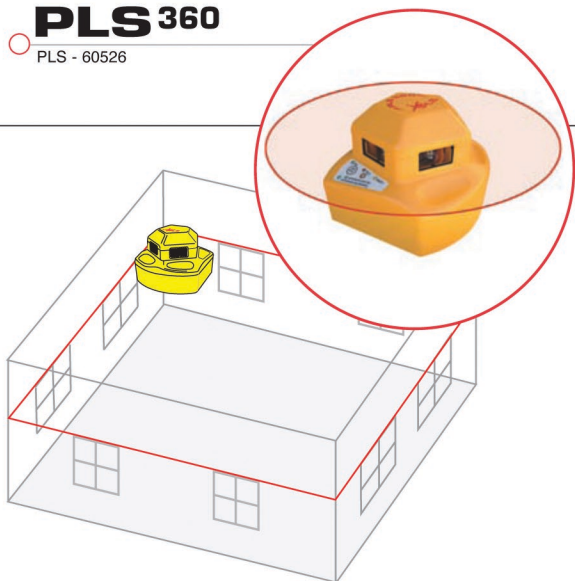
PLS360 TOOL

360 DEGREE INTERIOR- EXTERIOR LASER LEVEL

Fully self leveling, the PLS360 provides you with a 360 degree horizontal line of reference. The PLS360 offers one-button application that is accurate and rugged for indoor-outdoor applications. Unlike rotary lasers, this compact, bright and durable tool has no complicated features or multiple knob adjustments. The PLS360 simplifies your work day with the press of a button. How long does it take you to set up your rotary laser?

PLS 360

PLS - 60526



PLS360 SPECIFICATIONS

- | | | | |
|-------------------|---------------------|-------------------|---------|
| • Accuracy: | +/- 3mm @ 30 meters | • Leveling Range: | 6° |
| • Range: | 60 meters | • Weight: | 2.0lbs. |
| • Power Supply: | 3 D Batteries | | |
| • Operating Time: | +35 Hrs Continuous | | |
| • Dimensions: | 3 1/8"x5"x4 1/2" | | |

THE PLS360 TOOL INCLUDES:

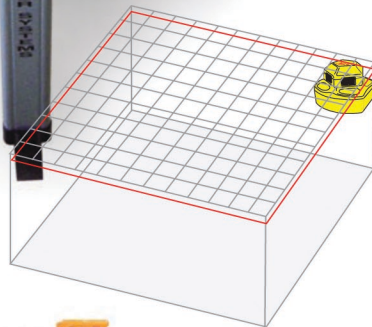
Class II Laser Product

- | | |
|----------------|-------------------------|
| • PLS360 Laser | • Compact Carrying Case |
| • Wall Bracket | • Operating Manual |



Kit PLS - 60537

- ACOUSTIC CEILINGS
- HVAC
- CABINETRY
- CHAIR RAILS
- FIXTURES



System PLS - 60536

- DECKS *
- FOUNDATIONS *
- SWIMMING POOLS *
- LANDSCAPING *

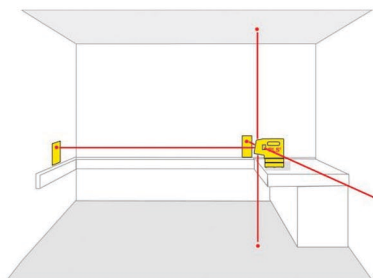


Use outside with our SLD laser receiver.
(optional)

PLS5 AND PLS3

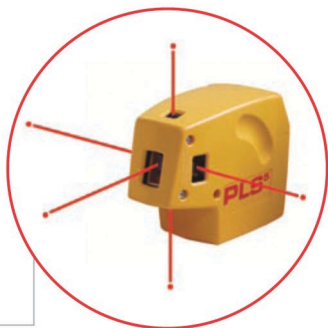
PROVIDE POINT-TO-POINT ALIGNMENT INFORMATION

Lay out reference points faster than traditional, labor intensive methods. No more swinging plumb bobs. Plumb instantly from floor to ceiling or from 50 feet off the ground! Use PLS as your partner on the jobsite. Self leveling: no time wasted with bubble vials. Turn it on and go to work. Take clear, stable reference points indoors and outdoors.

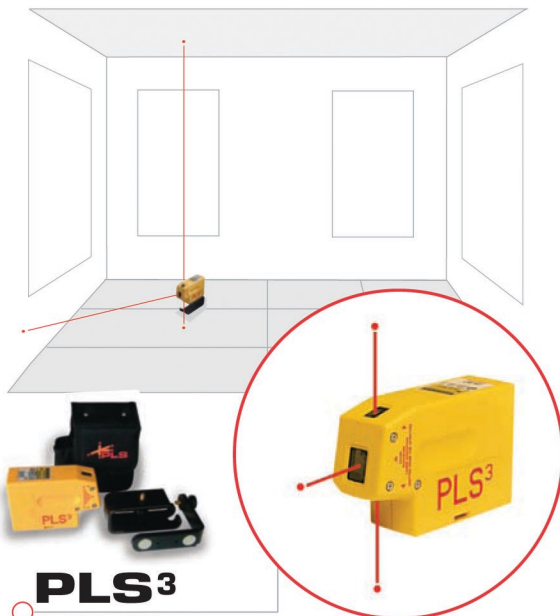


PLS5

Tool PLS - 60541
System PLS - 60542



PLS5 and PLS3 are both compact, lightweight, durable and portable. Designed by contractors, for contractors.



PLS3

Red PLS - 60523
Green PLS - 60595

PLS5 AND PLS3 SPECIFICATIONS

	PLS5	PLS3
• Working range:	30 meters	30 meters
• Accuracy:	+/- 3mm @ 30 meters	+/- 6mm @ 30 meters
• Leveling range:	8°	6°
• Power supply:	3 AA batteries	3 AA batteries
• Operating time:	+ 30 hrs. continuous	+ 30 hrs. continuous
• Dimensions:	2" x 4" x 4-3/4"	1 1/2" x 4 1/4" x 3 1/8"
• Weight:	1.13 lbs. (.52 kg)	12 oz. (.33 kg.)

**PLS 3 NOW
AVAILABLE IN
HIGH VISIBILITY
GREEN POINTS**

THE PLS5 TOOL INCLUDES:

- PLS5 Laser
- Wall Bracket
- Pendulum Layout Target
- Floor Stand
- Carrying Pouch
- Compact Carrying Case
- Operating Manual

THE PLS3 LASER TOOL INCLUDES:

- PLS3 Laser
- Operating Manual
- Wall Bracket
- Carrying Pouch
- Floor Stand

PLS5 and PLS3 are Class II Laser Products

PLS4

TOOL
PLS - 60574

PLS4 TOOL

**HORIZONTAL
AND VERTICAL
LAYOUT WITH
ABILITY TO PLUMB
UP AND DOWN.**

Combination of lines and points, the PLS4 is fully self leveling and has a range of +/- 100 feet. Perfect for any alignment or leveling task.



Use outside with our SLD laser receiver.
(optional)

PLS 4 SPECIFICATIONS

- Working Range: +/-100' (outdoor w/detector)
- Cross Line Accuracy: +/-3mm @ 10 meters
- Point-to-Point: +/-6mm @ 30 meters
- Leveling: Automatic
- Power Supply: 3AA batteries, alkaline or rechargeable
- Operating Time: + 25 hrs. continuous use w/single beam
12.5 hrs. both beams
- Dimensions: 2" x 2.5" x 4-3/8"
- Weight: 16 oz. (.45kg) (including batteries)

Class II Laser Product

THE PLS 4 TOOL INCLUDES:

- Magnetic Bracket
- Carrying Case
- Pouch
- Operating Manual
- Floor Stand

PLSFT90

TOOL
PLS - 60567

PLSFT90 TOOL

**SQUARE
LAYOUT
FOR THE
PROFESSIONAL
TILE & FLOOR
CONTRACTOR**

Use the PLS FT 90 for fast tile square layout. Made of cast aluminum, the PLS FT 90 is durable and able to provide the professional tile contractor with superior accuracy and clarity. Good for short and long range interior floor tile projects.



- FLOOR TARGETS
- CARRYING CASE
- OPERATING MANUAL

PLSFT90 + PLS2

COMBO PACK
PLS - 60568

FT 90 & PLS 2 Tools in
single carrying case



PLS FT90 SPECIFICATIONS

- Working Range: +/-20 meters
- Square Accuracy: +/-2mm @ 6 meters
- Leveling: Fixed base - not self leveling
- Power Supply: 3AA batteries, alkaline or rechargeable
- Operating Time: 10 hours continuous use
- Dimensions: 8" x 2-3/8" x 2-3/4"
- Weight: 2.4 lbs. (1.09kg)

Class II Laser Product

THE PLS FT 90 TOOL INCLUDES:

- Floor Targets
- Carrying Case
- Operating Manual

PLS 1000 SYSTEM

PLS - 60584

PLS 1000 SYSTEM

Easy to use, the PLS 1000 System is a self leveling horizontal only rotary laser. Includes rechargeable battery pack, charger, carrying case and operating manual.



PLS 1000 SPECIFICATIONS

- Accuracy: ± 2.4 mm @ 30 meters
 - Power supply: NiMH Batteries Pack, Optional Alkaline Battery Pack
 - Operation Range: Radius $\pm$ 300 meters w/detector
 - Self Leveling Range: ± 5 degrees
 - Dimensions: 7.5" x 8" x 6"
 - Weight: 4.9 lbs. (2.22 kg) (unit only)
- Class II Laser Product

THE PLS 1000 SYSTEM INCLUDES:

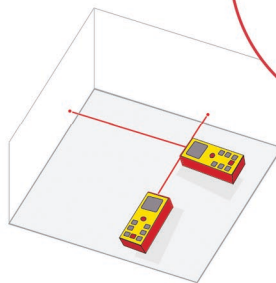
- Rechargeable Battery Pack
- Carrying Case
- Operating Manual
- Charger

PLS1 COMPACT, PRECISE AND RELIABLE MEASUREMENT TOOL



PLS1

PLS - 20984



The PLS1 will tackle the majority of your measurement tasks at an affordable price.

The PLS1 takes measurements accurately in total inches, feet and inches or metric. Use the added features of measuring area, volume or Pythagoras... all in the palm of your hand. Proven technology, European manufactured performance and the service support expected from PLS.

PLS1 SPECIFICATIONS

- Working Range: 0.05-80 meters
- Accuracy ± 1.5 mm
- Power Supply: 2AAA Batteries
- Dimensions: 4.7 x 2.3 x 1.2" (120 x 58 x 29mm)
- Weight: 4.98 oz. (146 g)

PLS 505 R MID RANGE ROTARY LASER

The PLS 505 R is a compact, mid range red beam rotary laser designed for light commercial, residential, and remodeling projects. Horizontal and vertical applications: the PLS 505 R is versatile for short and mid range layout with an accuracy of +/- 1/8 inch at 100 feet.



- ACOUSTIC CEILINGS
- LANDSCAPE
- DECK & POOLS
- METAL FRAME
- CARPENTRY
- CONCRETE PADS



PLS 505 R

Kit PLS - 60583
System PLS - 60575

PLS 505 G MID RANGE ROTARY LASER

The PLS 505 G is a compact, mid range green beam rotary laser designed for light commercial, residential, and remodeling projects. Horizontal and vertical applications; the PLS 505 G is versatile for short and mid range layout with an accuracy of +/- 1/8 inch at 100 feet.



**HIGHLY VISIBLE
GREEN BEAM IDEAL
FOR INTERIOR PROJECTS**

- ACOUSTIC CEILINGS
- METAL FRAME
- CARPENTRY
- CURTAIN WALLS



PLS 505 G

PLS - 60579

PLS 505 R SPECIFICATIONS

- Accuracy: +/- 3mm @ 30 meters
 - Power supply: NiMH Rechargeable
 - Self Leveling Range: 5°
 - Range: 152 meters Radius
 - Dimensions: 7.5" X 8" X 6"
- Class II Laser Product

THE PLS 505 R SYSTEM INCLUDES:

- PLS 505 R
- Carrying Case
- Ceiling Bracket
- PLS HVD 505 R Detector
- Operating Manual
- Re-charger
- PLS RC 505 R Remote
- TWO BATTERY PACKS: NiMH & Alkaline

PLS 505 G SPECIFICATIONS

- Accuracy: +/- 3mm @ 30 meters
 - Power supply: NiMH Rechargeable
 - Self Leveling Range: 5°
 - Range: 152 meters Radius
 - Dimensions: 7.5" X 8" X 6"
- Class III Laser Product

THE PLS 505 G SYSTEM INCLUDES:

- PLS 505 G
- Carrying Case
- Ceiling Bracket
- PLS HVD 505 G Detector
- Operating Manual
- Re-charger
- PLS RC 505 G Remote
- TWO BATTERY PACKS: NiMH & Alkaline

PLS• PACIFIC LASER SYSTEMS OUR EDGE

PLS•PACIFIC LASER SYSTEMS
MANUFACTURES THE HIGHEST
QUALITY LAYOUT TOOLS FOR
THE PROFESSIONAL CONTRACTOR.

*We are dedicated to designing career laser tools
for a lifetime of increased productivity and profit.*

Fast, accurate and portable, PLS lasers save time and money when your bubble vial level or rotary laser is too limited or too cumbersome to do the job. When a rotary laser is required for long-midrange vertical and horizontal layout, then our PLS1000 and PLS505 will tackle most projects.

Compare the advantages of using a PLS laser to traditional methods you now employ. When comparing PLS laser tools look for these quality features: 1. Beam quality will be bright, small and crisp. 2. Dampening will be quick and stable. The beams will not bounce around. 3. The tools will be self-leveling, easy to use and efficient. *PLS5, PLS4, PLS3, PLS180, PLS360, PLS480 and PLS90 lasers are designed, calibrated, and assembled in the USA.*

PLS• PACIFIC LASER SYSTEMS OUR HISTORY

What sets PLS•Pacific Laser Systems apart from the rest? Built by contractors for contractors, PLS tools were developed out of necessity by professionals with over 50 years of experience in commercial and residential interior and exterior layout. PLS founders were contractors first before becoming manufacturers of the finest laser alignment tools in the world.

PLS• PACIFIC LASER SYSTEMS OUR APPLICATIONS

FRAMERS

No more plumb bobs in the wind. Lay out and install track and studs for commercial or residential projects. Use PLS90 to project 90 degree angles in a fraction of the time. No more 3-4-5. Indoor - outdoor application means greater utility and value for your purchase.

ELECTRICIANS

Use the PLS reference plumb points to determine where each light is to be installed. How long would it take you to lay out 50 lights in a vaulted ceiling with two people and a plumb bob?

HOME BUILDERS

Setting up foundations on a slope is always a challenge. Place your PLS90 or PLS480 on the corner of your layout and pull reference points forward and to the side for labor saving layout. Interior walls, stairways, cabinetry, skylights, windows and more can be aligned quickly and accurately with a PLS laser.

HVAC / MECHANICAL

For commercial HVAC, PLS will speed vertical and level layout. Manipulate plumb, level, and square reference anywhere on the job site, regardless of obstacles or weather conditions.

ACOUSTIC CEILINGS

The PLS360 and 505 rotary laser makes layout and installation of acoustic ceilings fast and simple.

GENERAL CONSTRUCTION

The range, versatility and accuracy of our PLS480, PLS5, PLS180 or PLS505 lasers make them ideal tools for checking elevations, setting large pads, leveling forms, plotting/finding square on slope and footings.

TILE

For ceramic tile contractors who install both walls and floors, get the PLS FT 90 combo pack which includes the PLS 2 cross line laser with magnetic wall bracket. Speed the installation of ceramic tile by following crisp and accurate lines on the floor. Eliminate costly mistakes and compounded errors by establishing 90 degree (square) floor layout with bright laser lines from the durable cast aluminum FT 90.