



**MEASURING
AND
LEVELING
TOOLS**

STANLEY®

LASER LEVELING

STANLEY®

FAST AND ACCURATE LEVELING

Earth moving, laying of floors, interior design and set up; all applications for our laser and optical levels to prove their accuracy, efficiency and easy to use.

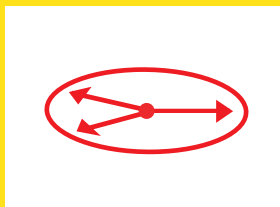
Stanley leveling tools are reliable, suitable for short and long range leveling inside and outside of a building.

In most of application a single person is able to operate a device. Stanley leveling tools are easy to set up and use.

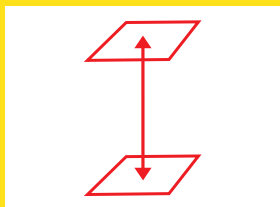
Based on its experience and expertise in building Stanley prepared whole range of high quality leveling tools along with customer service organization and service at an optimal level.

FEATURES

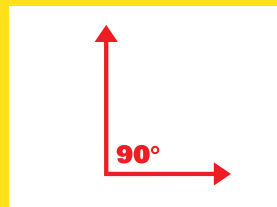
leveling - alignment



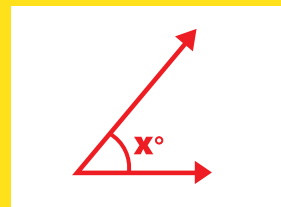
plumbing - alignment floor to ceiling



setting a right angle

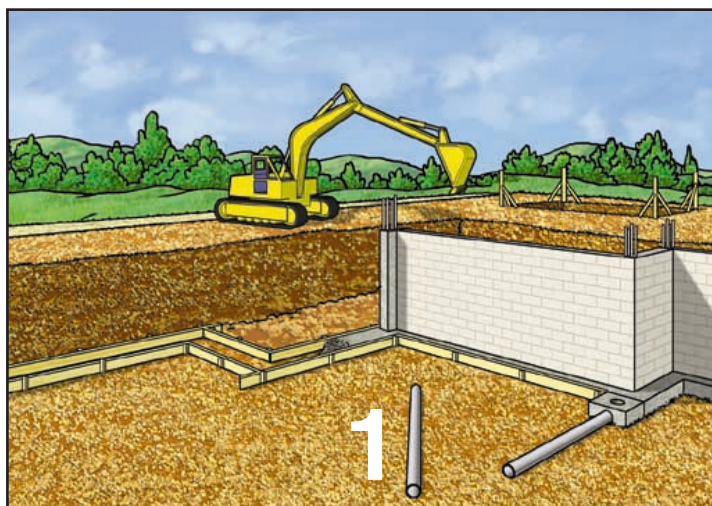


setting an angles and inclination



F R O M B U I L D I N G

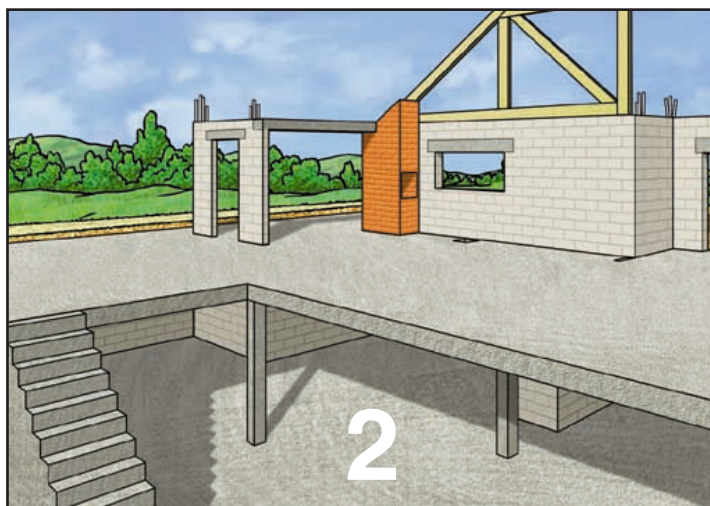
EXCAVATION - LEVELING



- preparation of building site
- excavating for foundations
- determination of foundations
- civil engineering

- determination of inclination
- landscape engineering
- fencing alignment

CONSTRUCTION



- alignment horizontal and vertical
- supports layout
- making of a floor and ceiling

- masonry
- angle measurement
- carpentry

LASER MEASURING TOOLS

STANLEY®

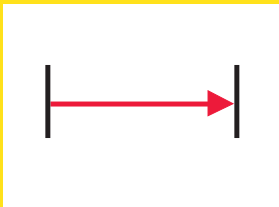
EASY TO MEASURE

Accurate, efficient and user friendly laser distance meter DME allows you to save your time. Makes measuring at building site, interior and exterior, nice and easy.

Simple to use Stanley DME tools guarantee high efficiency and productivity. Its accuracy and features make it ideal for preparing offers, controlling and measuring of dimension of houses, apartments and other. It may be used for interior design, dry wall set up, electrical and plumbing works. Stanley DME distance meters are truly versatile measuring devices.

FEATURES

distance measuring



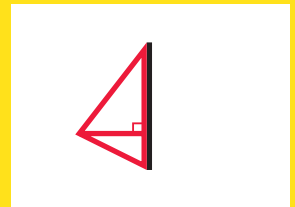
surface calculation



volume calculation



height estimation



TO INTERIOR DESIGN

INTERIOR ARRANGEMENT



- carpentry: doors, stairs
- dry wall building

- plumbing, electrical installation, vents and heating
- air-conditioning

FINISH

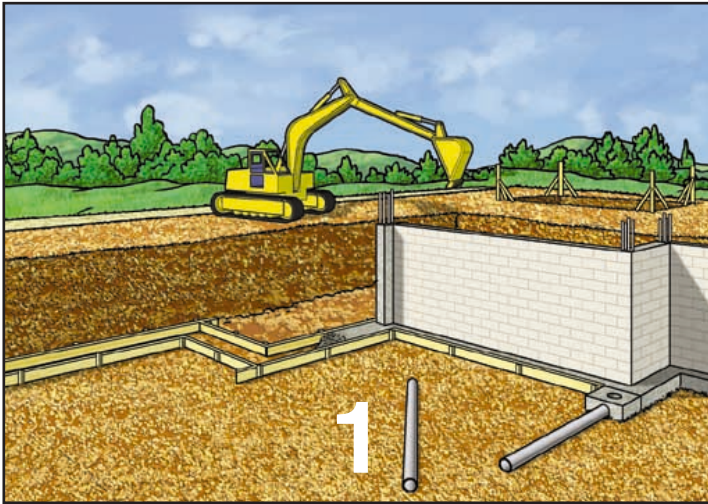


- laying tiles
- covering floors
- interior finishing
- painting

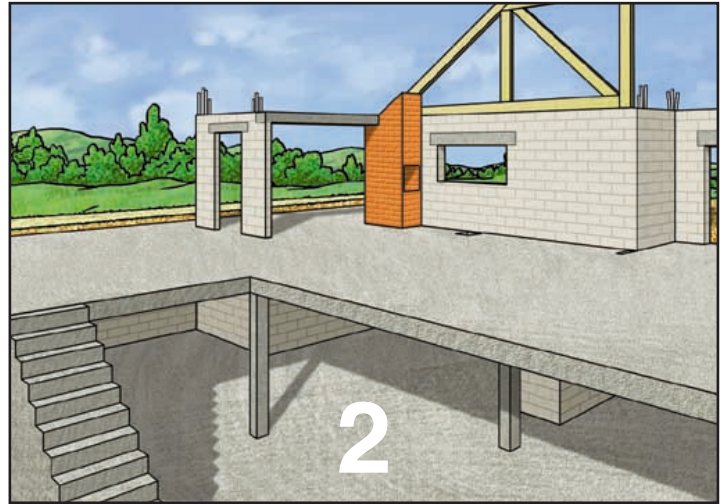
- wall paper
- decoration alignment
- interior management

LASER LEVELING AND MEASURING TOOLS:

EXCAVATION - LEVELING



CONSTRUCTION



PAGE 6



PAGE 7



PAGE 7



PAGE 8



PAGE 10

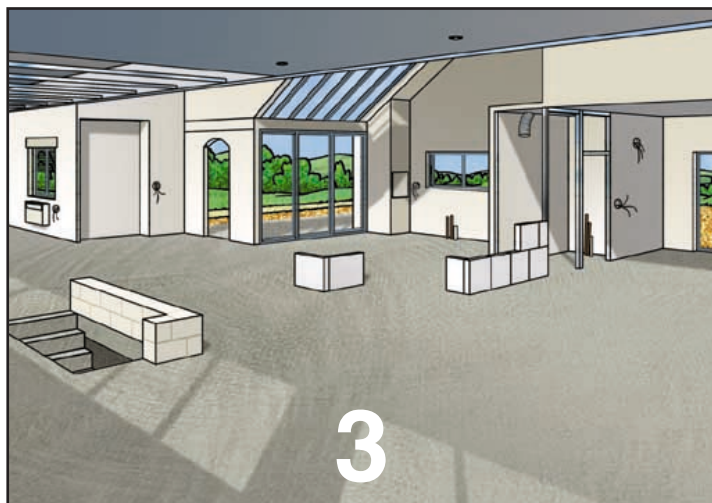


PAGE 16

WHICH PRODUCT FOR WHICH APPLICATION?



INTERIOR ARRANGEMENT



FINISH



PAGE 8



PAGE 9



PAGE 11



PAGE 12



PAGE 10



PAGE 11



PAGE 13



PAGE 13



PAGE 12



PAGE 16



PAGE 15



PAGE 14

STANLEY®

OPTICAL LEVEL

EXCAVATION - LEVELING



No. 1-77-160

AL 24 DVP

Technical specification:

Leveling Accuracy: +/- 1,6 mm at 45 m
 Range: 90 m
 Leveling Type: magnetically damped pendulum self-leveling
 Use type: exterior, weather resistant
 Enlargement: x 24

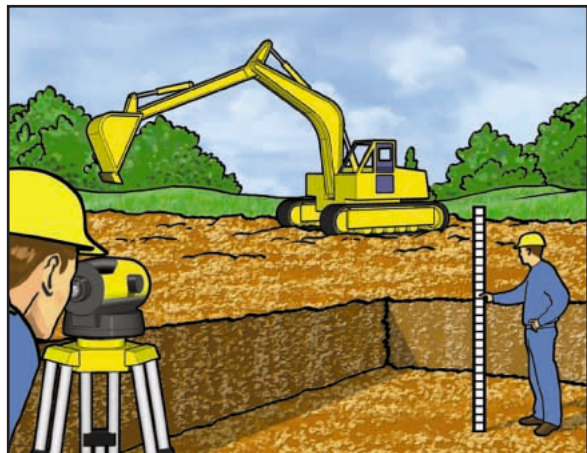


Self-leveling

- ① Self-leveling - guarantee accuracy
- ② Wide angle of vision and small minimum range (0,3 m)
- ③ Distance estimation (stadia 100)
- ④ Robust design - weather resistant



Leveling with use of level rod.



In package:
**AL24 DVP, tripod adaptor,
 tripod aluminum 1,6 m
 plumb, telescopic level
 rod 4 m hard carrying case.**

STANLEY®

SINGLE GRADE SELF LEVELING VISIBLE BEAM LASER

EXCAVATION - LEVELING - CONSTRUCTION - INTERIOR ARRANGEMENT

RL 200GR

Technical specification:

Leveling Accuracy: +/- 1,6 mm at 30 m

Operating Range: up to 200 m
with laser detector

Leveling Type: motor assisted self leveling
+/-5 degrees off grade

Use Type: exterior; job site tough IP54 waterproof,
1 m drop

Laser Diode: 635 nm, class II < 1 mW

Operating temperatures: from -6°C to +49°C

Time of operation: up to 25 hours

Power: NiCd batteries included

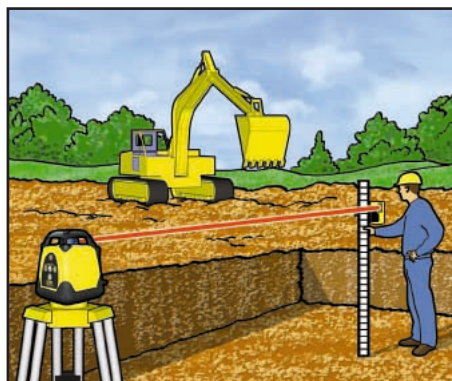
No. 1-77-158



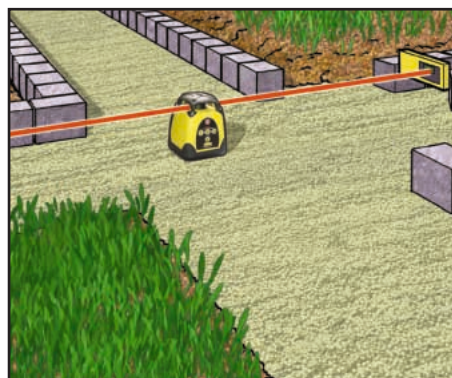
Self-leveling

In package:

RL 200 GR , remote control unit -
for single person operation, **dual LCD**
remote receiver with extra loud grade tones,
surveyors style hard carrying case.

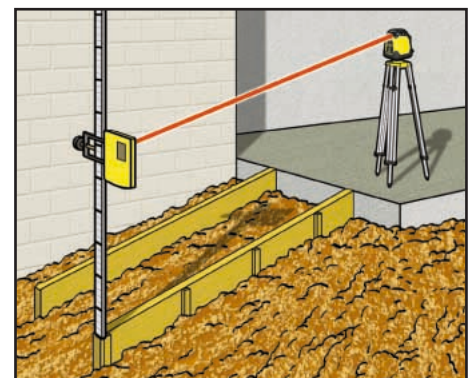


Level with use of leveling rod and laser detector.



Leveling.

- ① **Servo assisted self leveling** - maximum accuracy and speed of use
- ② **Anti-Drift Indicator** - warns when unit is "off-Grade"
One button per function - easy to use
- ③ **LED battery level indicator** - protects from running out of power
- ④ **Totally enclosed rotating head** - durability in extreme working conditions



Inclination setting.

MOTOR ASSISTED SELF LEVELING ROTARY LASER

EXCAVATION - LEVELING - CONSTRUCTION - INTERIOR ARRANGEMENT

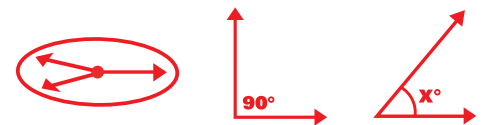
No. 1-77-157



RL-300

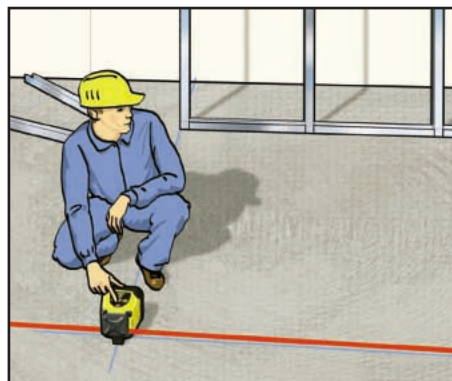
Technical specification:

Leveling Accuracy: +/- 1,6 mm at 30 m
Operating Range: interior up to 90 m
 exterior up to 600 m with laser detector
Leveling Type: motor assisted self leveling
 +/-5 degrees off grade
Use Type: exterior and interior; job site tough
 IPX4 all weather standard
Laser Diode: 635 nm, class II < 1 mW
Operating temperatures: from -6°C to +49°C
Time of operation: up to 25 hours
Power: NiCd batteries included

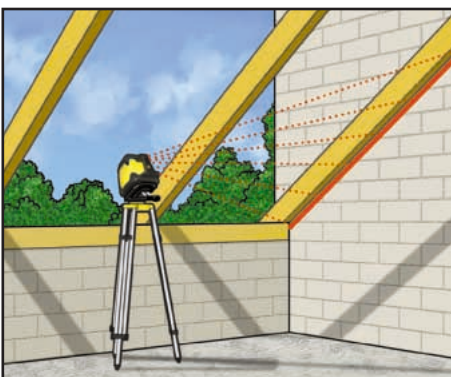


Self-leveling

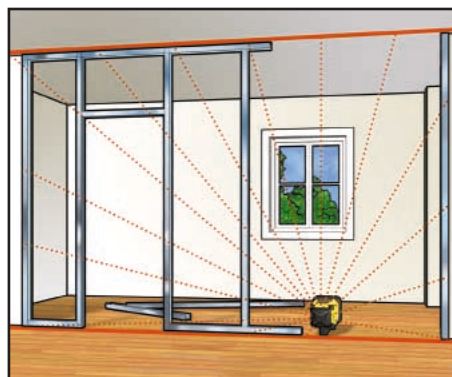
- ① **Servo assisted self leveling** - maximum accuracy and speed of use
- ② **Anti-Drift Indicator** - warns when unit is "off-Grade"
- ③ **One button per function** - easy to use **LED battery level indicator** - protects from running out of power
- ④ **Variable speed rotating head** - for maximum visibility in poor light conditions
- ⑤ **Spot mode for 90 degree point** - sets corners
- ⑥ **Totally enclosed rotating head** - durability in extreme working conditions



Straight line setting.



Oblique lines.



Plumb and corner setting.

In package:

RL 300, remote control unit
 - for single person operation, **laser target and glasses** - better laser light visibility,
wallmount unit - essential for suspended ceilings, **surveyors style hard carrying case**.



MANUAL ROTARY LASER LEVELING SYSTEM

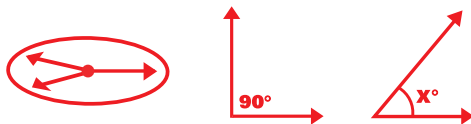
INTERIOR ARRANGEMENT

RL-100

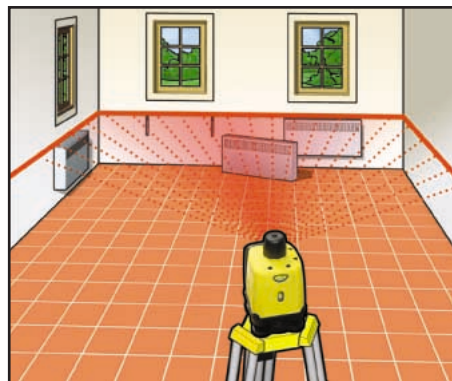
Technical specification:

Leveling Accuracy: +/- 6 mm at 30 m
Operating Range: interior up to 60 m
 exterior up to 250 m with Laser Detector
Leveling Type: manual
Vial sensitivity: level vial +/- 5', vertical +/- 10'
Use Type: exterior and interior; weather proof
Laser Diode: 635 nm, class II < 1 mW
Operating temperatures: from -6°C to +49°C
Time of operation: up to 60 hours
Power: 4x Alkaline batteries included

No. 1-77-156



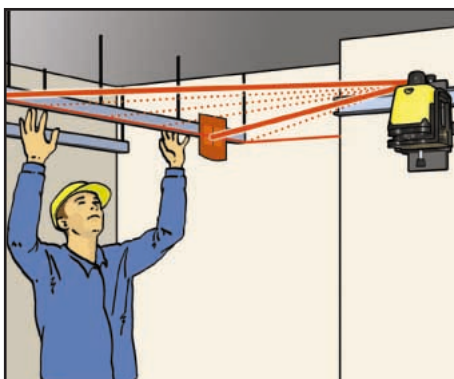
- 1 One button per function - easy to use
- 2 Dual beam rotary head with point & shoot sweep - avoids costly errors
- 3 Variable speed rotating head - for maximum visibility in poor light conditions
- 4 Chalkline Mode for maximum operating visibility - short and long sweep option
- 5 Spot mode for 90 degree point - sets corners
- 6 LED battery level indicator - protects from running out of power
- 7 Built-in adjustable trivet - easy & quick leveling in both horizontal and vertical
- 8 Two precision vials - helps user set accurate and quick leveling



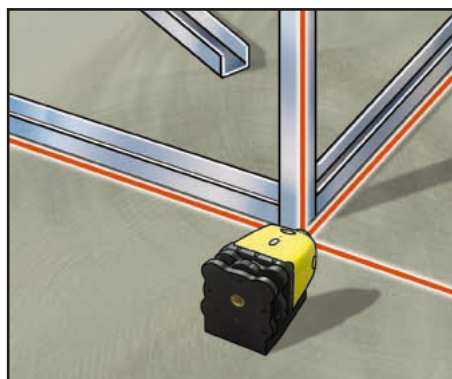
Level setting.

In package:

RL 100, remote control unit
 - for single person operation, **laser target and glasses** - better laser light visibility,
wallmount unit - essential for suspended ceiling, **surveyors style hard carrying case**.



Interior leveling with use of wallmount.



Plumb and corner setting.



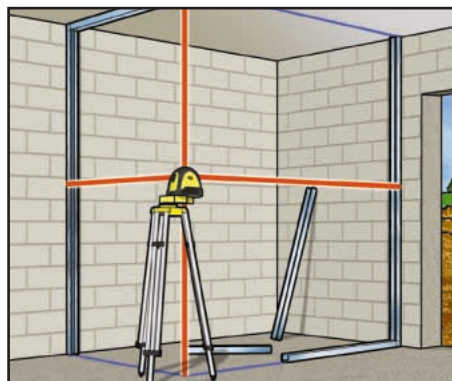
5 BEAM SELF - LEVELING LASER LINE LEVEL

CONSTRUCTION - INTERIOR ARRANGEMENT

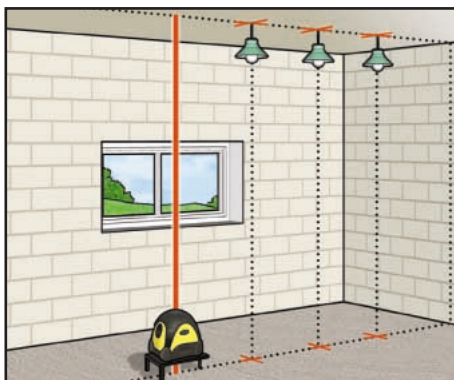
No. 1-77-154



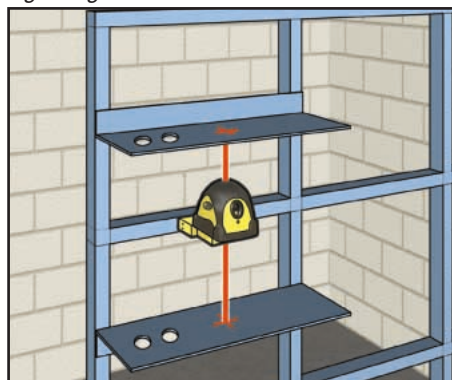
- ① 5 Independent self leveling chalk lines - rapid and accurate layout of many applications & maximum beam visibility
- ② Magnetically dampened self leveling mechanism - rapid and accurate self leveling
- ③ Automatic "Out-of-Level" detection - avoids costly errors
- ④ Tough rubber housing - Job-Site tough



Simultaneous setting of a plumb, level and right angle.



Setting of a plumb according to floor reference point.

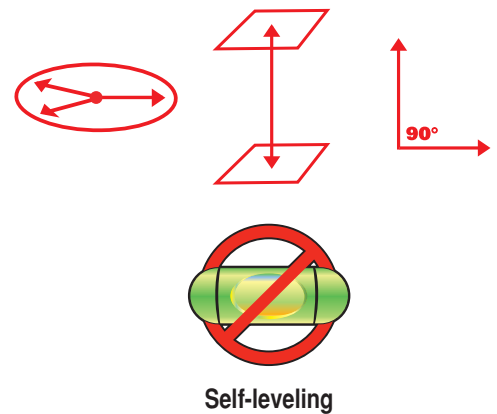


Use of a magnetic mount.

SP-5

Technical specification:

Leveling Accuracy: ± 6 mm at 30 m
 Range: up to 30 m
 Self Leveling tolerance: ± 5 degrees
 Leveling Type: magnetically damped pendulum self leveling
 Use Type: interior level and plumb applications
 Laser Diode: 650 nm, class 2 < 1 mW
 Power: 3 X AA alkaline batteries included



In package:

SP-5, universal mount and mounting strap - for tripod and vertical set up, **plumb trivet** - for accurate set up of interior walls, **laser target** - for better day light beam visibility, **supplied with nylon carry case, supplied with 3 AA alkaline batteries.**



STANLEY®

TWIN BEAM, SELF LEVELING, CROSS BEAM INTERIOR LASER LEVELING SYSTEM

INTERIOR ARRANGEMENT - FINISH

CL-90

Technical specification:

Leveling Accuracy: +/- 3 mm at 9 m

Line Accuracy: 2 mm at 3 m

Self Leveling tolerance: +/- 5 degrees

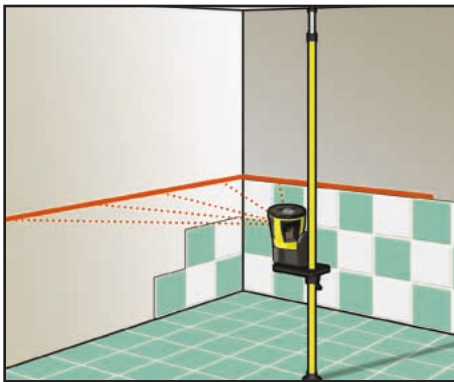
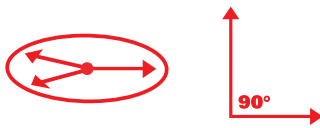
Leveling Type: magnetically damped pendulum self leveling

Use Type: interior level and plumb applications

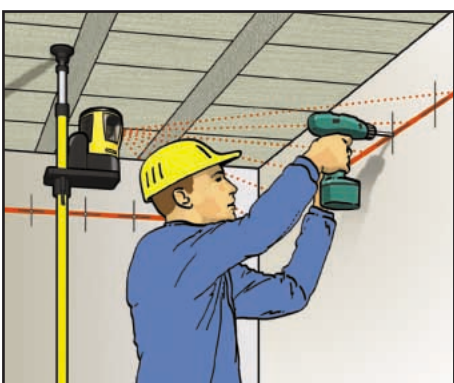
Laser Diode: 650 nm, Class 2 < 1 mW

Power: 3 X AA alkaline batteries included

- 1 Heavy duty, magnetically dampened self leveling mechanism - rapid and accurate self leveling with Job-Site durability
- 2 Automatic "Out-of-Level" detection - avoids costly errors
- 3 Twin lasers provide two constant beam styles simultaneously through the two windows
Main Laser Window has 3 modes - vertical, horizontal or cross beam - maximum brightness and accuracy
Secondary Laser window - single vertical beam set at 90 degrees to main window
- 4 Adjustable mounting pole - 2.5 m fully extended/mounting bracket included/rubber feet for maximum security in use



Leveling.

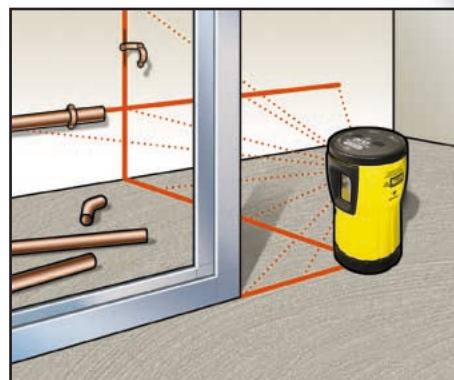


Setting level for assembly job.



Self-leveling

No. 1-77-155



Perpendicular lines.

In package:

CL-90, adjustable mounting pole - also available as an option,
supplied with nylon carry case,
supplied with 3 AA alkaline batteries.

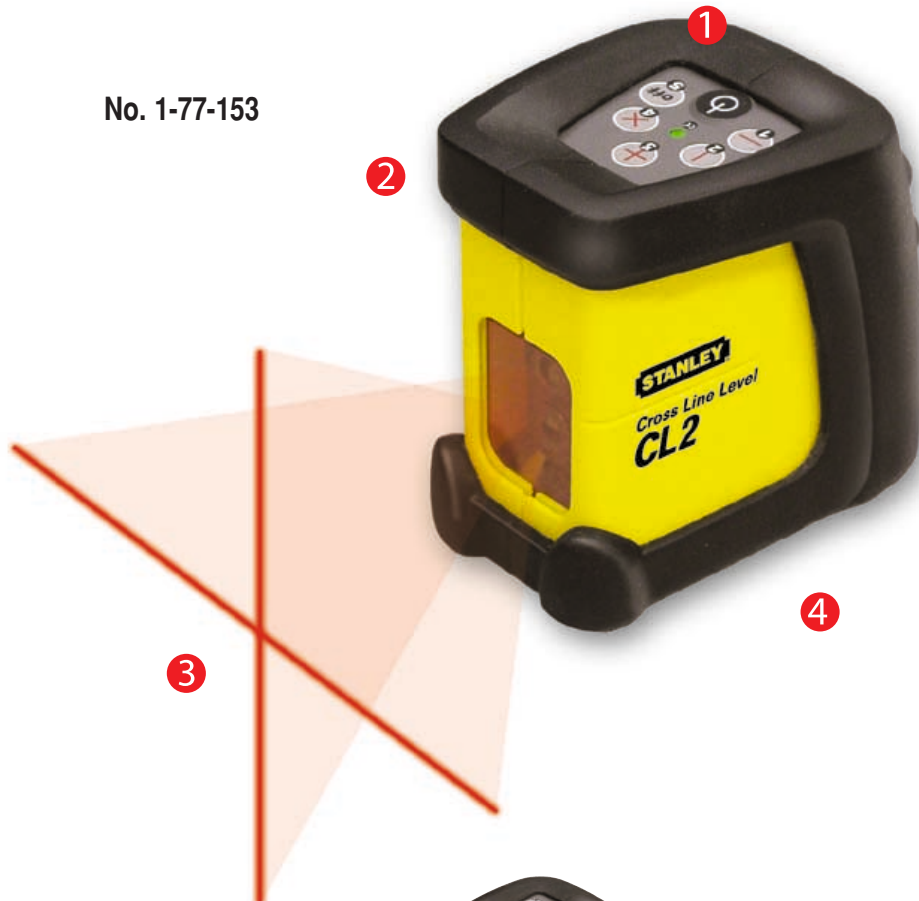




SELF - LEVELING LASER CROSS LINE WITH 4 OPERATING MODES

INTERIOR ARRANGEMENT - FINISH

No. 1-77-153



CL-2

Technical specification:

Leveling accuracy: +/- 4 mm at 9 m
Line accuracy: 2 mm at 3 m
Self leveling tolerance: +/- 5 degrees
Leveling Type: magnetically damped pendulum self leveling
Use Type: interior applications, tiling and interior walls
Laser Diode: 650 nm, class 2 < 1 mW
Power: 3 X AA alkaline batteries included



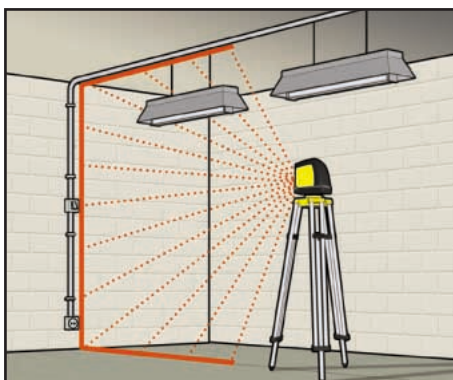
- ① One button mode selector - easy to use
- ② Pendulum type self levelling - accuracy and durability
- ③ 4 different operating modes - horizontal/vertical/laser cross/tilt mode (Manual Lock)
- ④ Tough rubber housing - comfort & site tough ruggedness



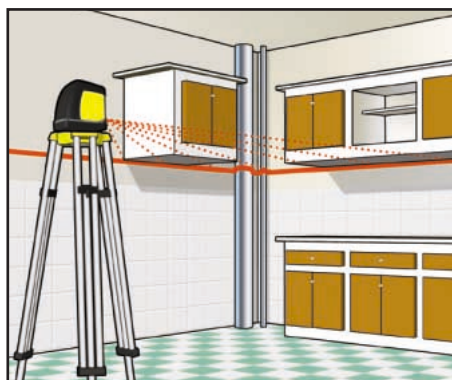
In package:
**CL-2, Nylon carry case,
3 AA alkaline batteries.**



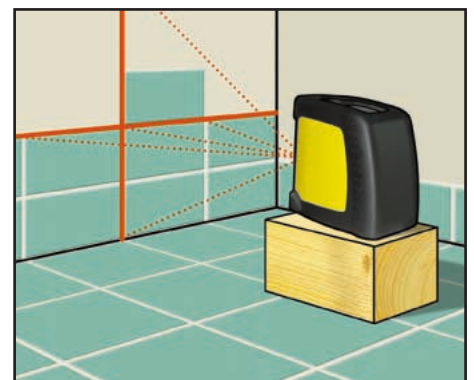
Self-leveling



Plumb setting.



Level setting.



Perpendicular lines (right angle).

TORPEDO DOT LASER

FINISH

SP-2

Technical specification:

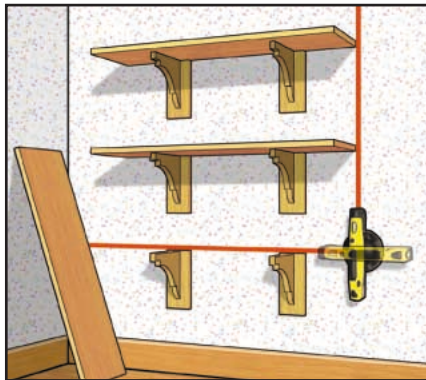
Leveling Accuracy: +/- 6 mm at 15 m
Range: up to 30 m
Leveling Type: manual - base leveling screw & swing out feet
Use Type: interior applications
Laser Diode: 650 nm, Class 2 < 1 mW
Power: 3 X AA alkaline batteries included

No. 0-77-152



- 1 Rotary base - rapid & accurate set up of level and right angles
- 2 Fixing pins - secure fixing to walls
- 3 Base levelling screw - precision levelling
- 4 Swing out levelling feet - precision levelling
- 5 Plumb vial - for accurate vertical levelling
- 6 Precision vial - precision levelling
- 7 Magnetic base - secure clamping to metal stud and pipe work
- 8 Beam spreader - generates laser chalk line
- 9 Battery case - simple battery change (batteries included)
- 10 5/8" x 11 thread mount - fits to camera tripod

Right angle setting.



Oblique lines.



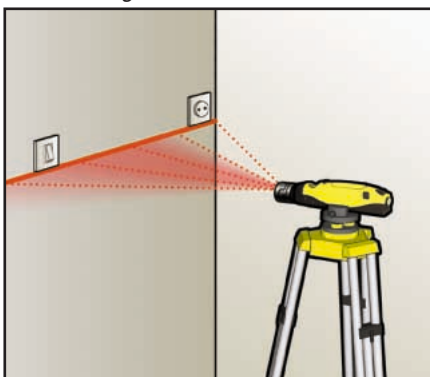
No. 0-77-151

SP-1

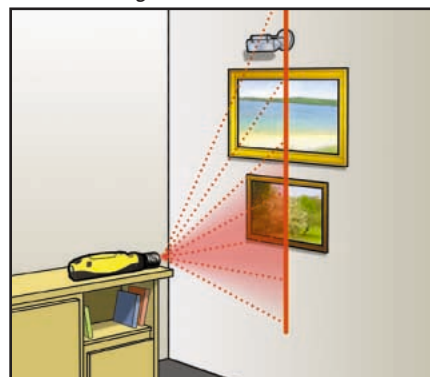
Technical specification:

Leveling Accuracy: +/- 6 mm at 15 m
Range: up to 30 m
Leveling Type: manual - base leveling screw & swing out feet
Use Type: interior applications
Laser Diode: 650 nm, class 2 < 1 mW
Power: 3 X AA alkaline batteries included

Level setting.



Plumb setting.



- 1 Base levelling screw - precision levelling
- 2 Swing out levelling feet - precision levelling
- 3 Plumb vial - for accurate vertical levelling
- 4 Precision vial - precision levelling
- 5 Magnetic Base - secure clamping to metal stud and pipe work
- 6 Beam spreader - generates laser chalk line
- 7 Metal laser lens ring - easy to fit and change lens
- 8 Battery case - simple battery change (batteries included)
- 9 5/8" x 11 thread mount - fits to camera tripod



LASER LEVELS

FINISH

No. 0-77-012



FatMax

Technical specification:

Leveling Accuracy: +/- 6 mm at 30 m

Range: up to 30 m

Use Type: interior applications

Laser Diode: 635 - 650 nm, Class 2 < 1 mW

Power: 2 X AA alkaline batteries included

PLUS

Technical specification:

Body: made of aluminum with magnetic base

3 vials: horizontal, vertical, 0-180 degrees, 1/4" thread mount

Leveling Accuracy: +/- 6 mm at 30 m

Range: up to 30 m

Dot or cross laser beam projection

No. 0-77-009



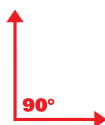
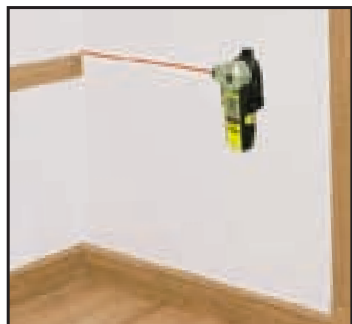
IntelliTools™

TWO IN ONE



**LASER LEVEL
AND STUD DETECTOR
IN ONE CONVENIENT
BODY**

No. 0-77-260



Single device that shows proper place for drill and helps decorate rooms.



IntelliLaser PRO

Technical specification:

Leveling Accuracy: +/- 1 mm/m

Range: up to 10 m

Laser Diode: 635 - 650 nm, class 2 < 1 mW

Detection depth: up to 19 mm

Detects: wood, metal, hot electrical wires

Detection accuracy: +/- 3mm (wood),
+/- 6 mm (metal)

Power: 9V battery



180 degrees pivoting laser plane with level and plumb vials.



STUD FINDERS

FINISH

IntelliSensor DigiScan

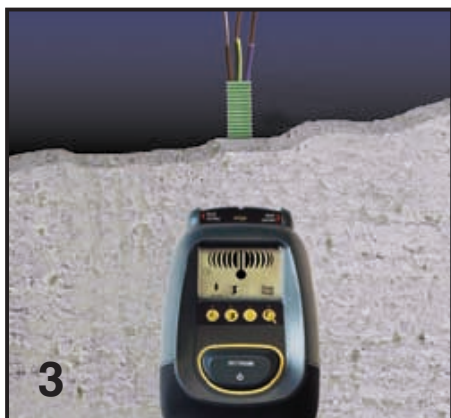
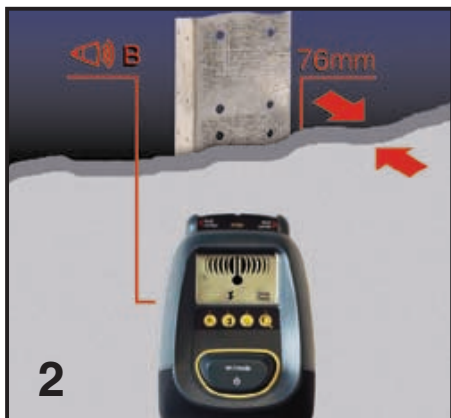
Technical specification:

Detection depth: up to 38 mm
Detects: wood, metal, hot electrical wires
Detection accuracy: +/- 3 mm
Read-out: visible and audible signals
Power: 9V battery

IntelliSensor

Technical specification:

Detection depth: up to 19 mm
Detects: wood, metal in dry walls
Detection accuracy: +/- 3 mm
Read-out: visible and audible signals
Power: 9V battery



No. 0-77-250



- ① Easy to read LCD display
- ② One button operation - easy to use
- ③ Deep Read feature
- ④ Detects hot electrical wires

No. 0-77-110



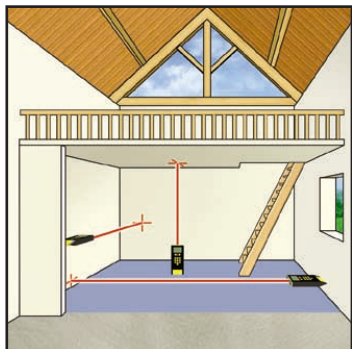
- ① Diodes signaling stud centre
- ② One button operation - easy to use



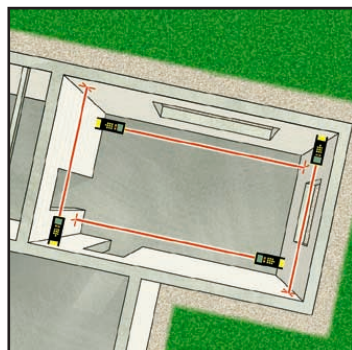
LASER DISTANCE METER

CONSTRUCTION - INTERIOR ARRANGEMENT - FINISH

Distance measure, surface and volume calculation.

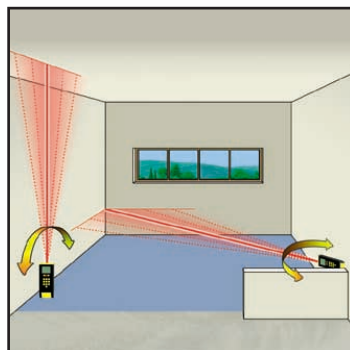


Perimeter calculation.

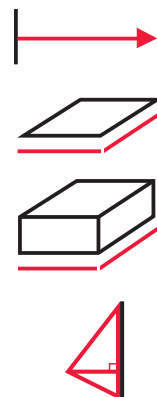
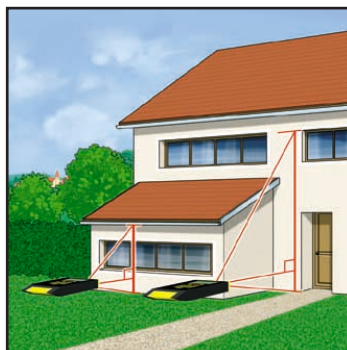


No. 1-77-013

Continuous measurement (min. and max.).



Height estimation (2- and 3- point).



DME-100

Technical specification:

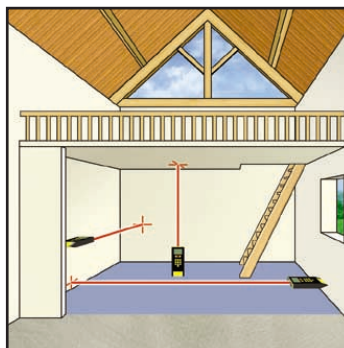
Accuracy: ± 3 mm
Range: 0,2 to 200 m
Use Type: interior and exterior, weather proof
Laser Diode: 620 - 690 nm, class 2 < 1 mW
Power: 2 X AA alkaline batteries included

- ① Back-light LCD display - easy reading in dim light
- ② Multipurpose base plate - for stabilizing device during measurement
- ③ Timer - for measures in hard to reach places

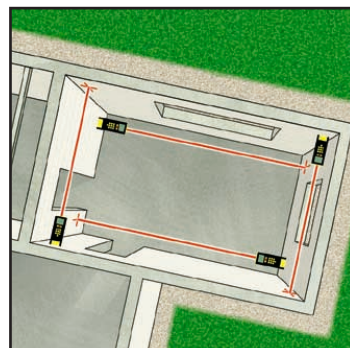
No. 1-77-017



Distance measure, surface and volume calculation.



Perimeter calculation.



DME-50

Technical specification:

Accuracy: ± 3 mm
Range: 0,2 to 200 m
Use Type: interior and exterior, weather proof
Laser Diode: 620 - 690 nm, class 2 < 1 mW
Power: 2 X AA alkaline batteries included

No continuous measure nor height estimation (available in DME-100).

- ① Back-light LCD display - easy reading in dim light
- ② Timer - for measures in hard to reach places

DISTANCE METERS

CONSTRUCTION - INTERIOR ARRANGEMENT - FINISH

IntelliMeasure

Technical specification:

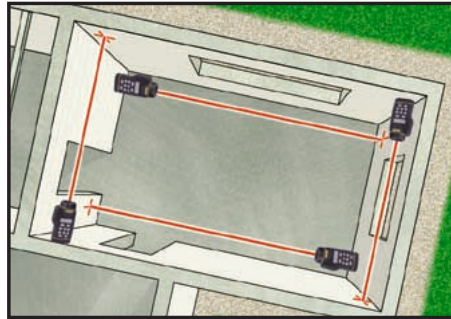
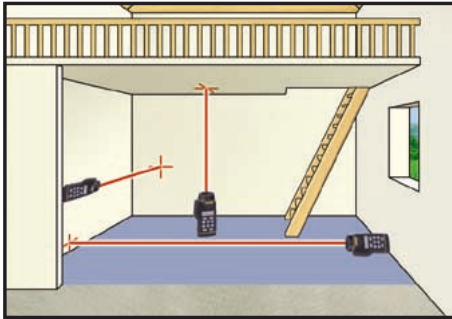
Accuracy: +/- 0,5 %
Range: 0,6 to 15 m
Measurement time: 2 - 6 sec.
Features: distance, surface, volume
Memory function
Read-out: metric, imperial
Power: 9V battery, battery indicator

No. 0-77-007



Distance measuring, surface and volume calculation.

Perimeter calculation.



- ① LCD display - easy work in dim light
- ② Robust design - for building site use



ODOMETERS

NEW!

MW40M

Technical specification:

Wheel diameter: 318 mm
Resolution: 1 dm (0,1 m)
Range: 10000 m

DMW30

Technical specification:

Wheel diameter: 254 mm
Resolution: 1 cm
Range: 10000 m
Power: 3 x AAA battery
Features: units conversion (metric-imperial), memory (8 measurements)

MW20M

Technical specification:

Wheel diameter: 98 mm
Resolution: 1 cm
Range: 1000 m

No. 1-77-174



No. 1-77-176



No. 1-77-175



ACCESORIES FOR LASER LEVELS



TELESCOPIC LEVEL ROD

- Telescopic level rod made of aluminum
- 5 m in 5 sections
- Easy readout; centimeters on one, millimeters on other side

No. 1-77-161



TRIPOD

- Made of aluminum
- Double column (1-77-164)
- Fast and effective "quick clamps" system
- Height range from 1,02 m to 1,60 m (with column up to 2,92 m)
- Carrying strap
- 5/8" thread mount

No. 1-77-163
standard

No. 1-77-164
with column



TRIPOD ADAPTOR

- Allows easy leveling adjustment
- Fits on tripods with 5/8" and 1/4"
- Can be used for tabletop application

No. 1-77-165



INCLINATION ADAPTOR

- Inclination from 0-90 degrees
- To be mounted on tripods with 5/8" thread mount

No. 1-77-168



LASER LCD REMOTE RECEIVER

- Visible and invisible rotating laser beam leveling
- Dual LCD display with loud grade tones
- 7 level display
- Universal mount
- Range 300 m

No. 1-77-169



LASER BEAM SPLITTER/SPREADER

- For Torpedo Laser levels
- Beam spreader supplied with 2 vials

No. 0-77-166
splitter

No. 0-77-167
spreader



LASER TARGET

- Increase visibility of laser beam
- 100 x 70 mm

No. 1-77-170



ACCESORIES FOR LASER LEVELS



REMOTE CONTROL FOR RL SERIES

- For single person operation

No. 1-77-177
for RL 100

No. 1-77-178
for RL200/300



GLASSES

- For better laser beam visibility

No. 1-77-171



WALLMOUNT

- For RL 100/300
- Composite based design
- 5/8" thread mount
- Horizontal position with additional 5/8" thread mount

No. 1-77-172



LEVEL ROD CARRY BAG

- For AR51 level rod

No. 1-77-173



RECHARGEABLE BATTERY PACK

- For RL 200/300

No. 1-77-179



BATTERY CHARGER

- 220V
- For rechargeable battery pack

No. 1-77-180



ADJUSTABLE MOUNTING POLE

- 4 solid sections, 1 telescopic
- 2.5 m fully extended
- Mounting bracket included with 5/8" thread mount
- Rubber feet for maximum security in use
- For: CL90, RL100, SP5, CL2

No. 1-77-184



ADJUSTABLE BASE

- For SP5
- For drywall construction
- 2 knobs for precise adjustment

No. 1-77-185



© THE STANLEY WORKS

Stanley Sales and Marketing Poland Sp. z o.o.
ul. Modlińska 190, 03-119 Warszawa
tel.: +48 22 510 36 55, 57, 58; faks: +48 22 510 36 56
e-mail: stanley@stanley.com.pl; <http://www.stanley.com.pl>

©Stanley Europe 2004

available at:

