imex™
accurate for life

Levelling and Measuring

2021

imex™
accurate for life

Imex is a global laser level brand providing professional results through accuracy and efficiency. Designed and developed in Australia, Imex is a leading manufacturer of levelling and measuring products for construction specialists across the globe. We strive to offer the best products and service through our valued stockist's and distributors across Australia, Europe and the UK.

Aspro Tools Ltd
Saxon House, 23 Springfield Lyons Approach, Springfield, Essex, CM2 5LB

01245 890189 | sales@asprotools.com

Our Story

Since 2006 Imex has been a leader in the construction laser market and is recognised as a specialist supplier, educator and innovator in laser levelling and measuring equipment for the construction industry.

To compliment our range of laser levelling and measuring instruments we also offer a full trade range of professional spirit levels, digital levels, measuring tapes, measuring wheels and measuring accessories. The Imex product range has proudly been designed and developed in Australia by our specialist team and stocked and distributed through our valued stockists across UK, Europe and Australasia.

Imex Lasers are manufactured to ISO9001 standards and the Imex design team includes global best practice and the latest innovations in diode design, power sourcing and levelling mechanisms to provide a wide range of professional products.

Culture of Care

We pride ourselves in our unmatched service, support, care and loyalty to our valued stockists and strive to provide a lifelong culture of care to tradesmen who use our products offering them on site training, support and advice when required. Our growing reputation in the market sets us apart from the competition day in day out.

- *Site support*
- *Service, repair and calibration*
- *Face to face demos / training*

- *Stockist / merchandising support*
- *Unmatched customer care*
- *Commitment with passion*

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SAVE TIME

INCREASE EFFICIENCY

INCREASE PRODUCTIVITY

REDUCE WASTE

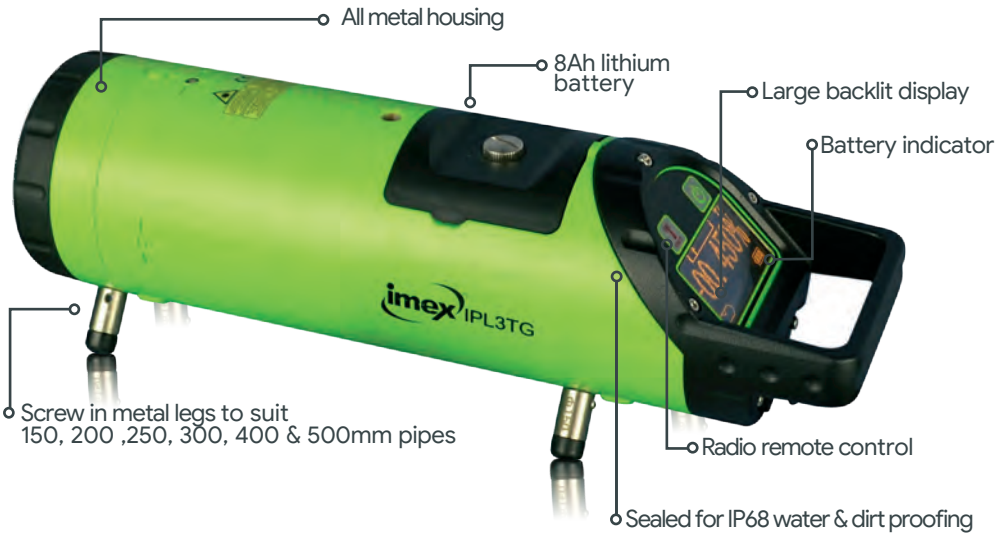
SAVE MONEY

Pipe Laser Range

Pipe Laser - IPL3 Red & Green Beam

100mm Diameter Pipe Grade Laser

The Imex IPL3T pipe/drainage lasers have a wireless remote setting, auto tracking and will fit into a 100mm pipe. With interchangeable feet for a variety of pipe sizes, a huge -20% to +30% grade and fully submersible IP68 rating.



Technical Specification

Laser class	3
Laser diode	Red 635nm / green 535nm
Beam dia	10mm
Working range	200 - 300m (light dependent)
Grade range	-20% - +30%
Self-levelling range	± 5°
Minimum display reading	0,000%
Horizontal accuracy	± 5mm / 100m
Left/right tracking	± 10°
Operating time	24 hour
Power supply	8000 mAh Li-ion
RF-Remote control range	Front 100m / Back 50m
Temperature range	-20°C - +50°C
Dust/water protection	IP68
Dimensions	Dia 96mm, L 332mm
Weight	2.8kg
Warranty	5 years

100mm (4") Diameter

The new IPL3T pipe laser series has been specifically designed for all your pipe-work/drainage tasks. With a compact profile and hands-free radio control, the IPL3T and receiver is functional in pipes as small as 100mm.

Auto-Track Radio Receiver (Upgrade)

Accuracy	± 2 mm / 100 m
Working range	50 m
Power supply	2 x AAA batteries
Temperature range	-10°C - +45°C
Dust / water protection	IP 67

The NEW auto track receiver is the latest in pipe laser technology! Automatic laser beam centering makes accurate set up easier than ever. Using radio communication, the IPL3 pipe laser micro adjusts to the centre of the receiver to an accuracy of +/- 2mm @ 100m.

Key Features

- Auto track-on grade
- Radio remote controlled
- Removable battery (can be charged outside of tool)
- Interchangeable feet - 150mm - 300mm
- 100mm profile
- 5 Year warranty

Kit Includes

- Screw in legs- 150mm - 300mm
- Micro USB charger adapter
- Radio remote control
- Mains charger pack
- IPL3T pipe laser
- 3 x target plates

IPL3T Buying Options

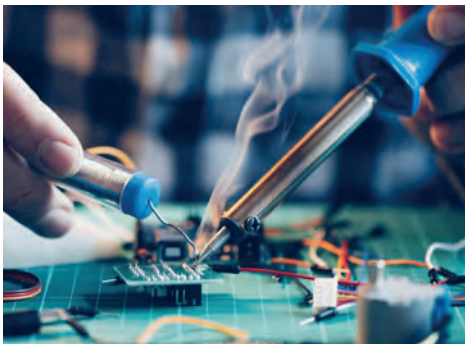
Flexible buying options enable you to customise the kit included with your IPL3T pipe laser resulting in a product better suited to your needs and applications.

IPL3T kit + auto-track receiver

IPL3T kit

Service / Calibration

The civils and groundworks industry demands the highest level of accuracy and consistency. We value the importance of pipe laser accuracy and quality. Is your pipe laser in need of a service, repair or calibration? For full instructions on how to arrange a return, please refer to page 62.



Parts & Accessories

Code	Description
012-PPHPK	Li-Ion rechargeable battery pack
012-TIR150-300	Target plates 150mm-300mm dia
012-PLL150-300	Screw in legs 150mm-300mm
012-IRIPL3	Handheld radio remote control
012-PPCR1	Wall socket charger lead
012-PPCR1/A	Charger lead USB adapter
IPL3TR RECIEVER	Auto-track radio receiver (red)
IPL3TG RECEIVER	Auto-track radio receiver (green)

Rotating Laser Range

Rotating Laser - 99DG Dual Grade

Red Beam Dial in H/V Grading Laser

The IMEX 99DG rotating laser level is highly accurate and very simple to operate. Featuring dial in dual grade, vertical alignment, a huge 500m dia range, rubber sheath protection and heavy duty lighthouse cover for superior shockproofing and weatherproofing. The 99DG is the leader in value for everyday laser levelling with all the functions you are ever likely to need.

Technical Specification

Self levelling range	± 5°
Accuracy	± 1.5mm @ 30m
Working distance	600m diameter with detector
Rotation Speeds	0,60,120,300,600 rpm
Scan mode	0°, 10°, 45°, 90°,180°
Grade slope	±10% dial in dual grade (X or Y axis)
Plumb spot	Accuracy ± 1mm / 1.5m
Light source	Red Laser 635nm class 2
Remote control	Working range approx 20m
Horizontal/vertical	Yes
Water/Dust proof	IP66
Power	DC 4.8-6v (Ni-mh rechargeable)+ alkaline
Working time between charge	Approx 20 hours (60 with alkaline)
Working temperature	-20°C to +50°C (-40°C to +70°C storage)
Unit weight	2.8 kg
Warranty	5 years

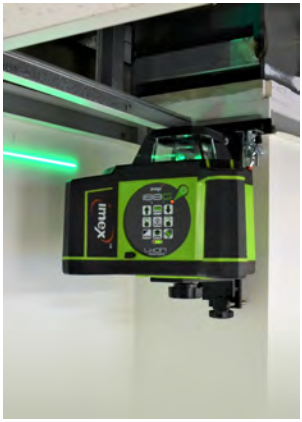
Rotating Laser - i88G Dual Grade

Green Beam H/V Grade laser

With the highly visible green beam laser the i88G is the most versatile rotating laser level available. The i88G is one of our most advanced lasers in our rotating laser range, featuring both horizontal and vertical levelling along with dual grading capability.

Technical Specification

Self levelling range	±5°
Accuracy	±15mm @ 30m
Working distance	600m diameter with detector
Rotation speeds	0,60,120,300,600 rpm
Scan mode	0°, 10°, 45°, 90°,180°
Grade slope	±8% grade (X or Y axis)
Plumb spot	Accuracy ±1mm / 15m
Light source	Green Laser 535nm class 2
Remote control	Working range approx 20m
Horizontal/vertical	Yes
Water/dust proof	IP66
Power	2 x 9.0ah Li-ion Batteries - USB Recharge
Working time between charge	Approx 24 hours per battery
Working temperature	-20℃ to +50℃ (-40℃ to +70℃ storage)
Unit weight	2.48kg
Warranty	5 years



Rotating Laser - i88R Dual Grade

Red Beam H/V Grade laser

With a full range of functions including dual grade/slope, horizontal, vertical operation, scan mode and multiple rotation speeds, the i88R is the most versatile laser for all your professional levelling tasks.

Technical Specification

Self levelling range	±5°
Accuracy	±1.5mm @ 30m
Working distance	600m diameter with detector
Rotation speeds	0,60,120,300,600 rpm
Scan mode	0°, 10°, 45°, 90°,180°
Grade slope	±8% grade (X or Y axis)
Plumb spot	Accuracy ±1mm / 1.5m
Light source	Red Laser 635nm class 2
Remote control	Working range approx 20m
Horizontal/vertical	Yes
Water/dust proof	IP66
Power	2 x 9.0Ah Li-ion Batteries - USB Recharge
Working time between charge	Approx 40 hours per battery
Working temperature	-20℃ to +50℃ (-40℃ to +70℃ storage)
Unit weight	2.2 kg
Warranty	5 Years

Rotating Laser - i77R Single Grade

Red Beam Horizontal Grade Laser

The i77R is a robust rotating laser level for general levelling. It's highly accurate and very simple to operate. Featuring the single grade function and huge 400m dia range. The i77R rotating laser level is the leader in value for everyday laser/grade levelling.

Technical Specification

Self levelling range	±5°
Accuracy	±15mm @ 30m
Working distance	600m diameter with detector
Rotation speeds	0, 60, 120, 300, 600rpm
Grade slope	±8% grade
Light source	Red laser 635nm class 2
Remote control	Working range approx 20m
Water/dust proof	IP66
Power	2 x 9.0Ah Li-ion Batteries - USB Recharge
Working time between charge	Approx 40 hours per battery
Working temperature	-20℃ to +50℃ (-40℃ to +70℃ storage)
Unit weight	2.48 kg
Warranty	5 years

Rotating Laser - i66R Horizontal Only

Red Beam Horizontal Laser

The NEW i66R is a robust rotating laser level for general horizontal levelling. It is highly accurate and very simple to operate. Featuring a huge 400m diameter range. The NEW i66R rotating laser level is the market leader for everyday levelling.

Technical Specification

Self levelling range	±5°
Accuracy	±15mm @ 30m
Working distance	500m diameter with detector
Rotation speed	600 rpm
Light source	Red laser 635nm class 2
Water/Dust proof	IP66
Power	2 x 9.0Ah Li-ion batteries USB recharging
Working time between charge	Approx 40 hours per battery
Working temperature	-20℃ to +50℃ (-40℃ to +70℃ storage)
Unit weight	2.2 kg
Warranty	5 years

Rotating Laser E60 - Horizontal Only

Red Beam Horizontal Laser

The new E60 rotary Laser level has been designed to suit the needs of any DIY, horizontal only, levelling task. Benefit from the same range as our professional rotary laser models and the convenience of a compact all-in-one kit and carry case. The E60 is the perfect low cost levelling solution.

Technical Specification

Accuracy	±3mm @ 30m
Working distance	400m diameter with detector
Light source	Red laser 635nm class 2
Water/dust proof	IP64
Power	4x AA alkaline
Unit weight	2.2 kg
Detector	Coarse & fine
Warranty	3 Years

Kit Includes:

- E60 rotating laser level
- LR2 digital receiver
- Target plate
- Alkaline batteries
- 2m levelling staff
- Compact tripod

Rotating Laser Tripods

The Imex range of tripods with 5/8th thread

012-SJA30F - Flat Top Aluminium Survey Tripod
012-SJA30D - Domed Top Aluminium Survey Tripod

Built tough for any site laser / theodolite setup or levelling task. The most popular rotating laser tripod in our range due to its high quality and lightweight design.

Key features

- Velcro leg strap & handle
- Metal die cast powder coated components
- Leg clamp lock
- Zero wear sliding legs
- Lightweight aluminium profile
- 1m -1.6m elevation

012-SJW20 - Flat Top Wood / Metal Survey Tripod

Heavy duty composite construction with metal components resulting in a sturdy lightweight tripod. Suitable for a range of mounting options.

Key features

- Velcro leg strap & handle
- Metal die cast powder coated components
- Leg clamp lock
- Zero wear sliding legs
- Lightweight wooden profile
- 1m -1.6m elevation

012-320113 - Aluminium Muskateer Elevating Tripod

Suitable for heavy rotating laser levels, total stations, theodolites and more. Perfect for the heaviest site work and long distance levelling where laser stability is of all importance.

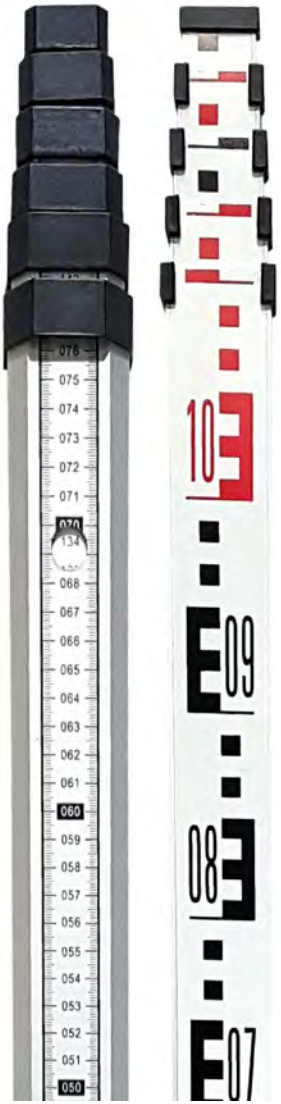
Key features

- Velcro leg strap & handle
- Metal die cast powder coated components
- Leg clamp lock
- Zero wear sliding legs
- Heavy duty steel/aluminium construction
- Elevates to 2.6m
- Micro adjustable elevation and lock

Measuring Staffs

For any general levelling / surveying task

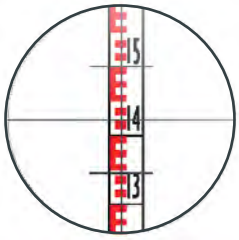
Built tough for all heavy duty site levelling and survey tasks. Levelling staffs are an essential part with any optical level or rotating laser level setup. Our staffs feature heavy duty aluminium sections, 5M length, strong plastic end caps and collars and a levelling bubble for high accuracy levelling.

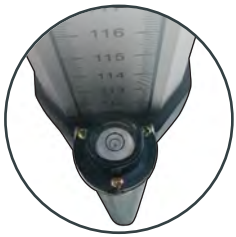


Our most popular staff featuring metric cm/mm markings on the front and E grade markings on the rear for long distance optical levelling where cm/mm are no longer visible. Compatible with any rotating laser receiver, optical level or theodolite. *Carry pouch included*

Features

Length	5M telescopic
Profile	Aluminium
Levelling bubble	Yes
Lock buttons	Yes
Metric markings	Yes
E markings	Yes
End caps	Yes





Accessories for Rotary Lasers

012-WB2 - Laser Vertical Mount / Wall Bracket

Suits all Imex rotating laser levels. Mount your laser to stud walls / suspended ceiling grids etc for elevated levelling tasks. Alternatively the WB2 bracket can be used in conjunction with an Imex 88R/G or 99DG for vertical levelling tasks such as steel erection, fencing installation and many more.
Fully micro adjustable up/down and left/right for precise levelling.

012-LS350 - Grade Mount Bracket

Compatible with all Imex rotating lasers and line lasers. Enables manual grade adjustment for any levelling task with any laser in our range. Grade from 0°-90° manually. The perfect solution to setting grades at large angles where previously not possible.

008-6850R/G Laser Enhancement Glasses

Seeing a laser beam can be tough at times. Laser enhancement glasses work by reducing or eliminating light other than the colour they are designed to make more visible. They do not brighten the laser, but by reducing or removing other light waves from the vision of the wearer, the laser appears brighter. Keep in mind, while wearing these glasses you may not be able to clearly see other features in your surroundings.

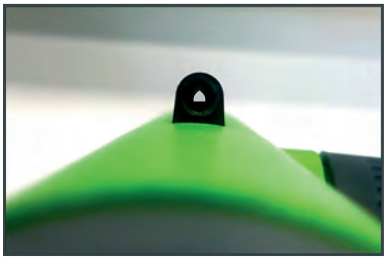
Optical Level Range

Auto Optical Levels (Dumpy)

28 & 32 x Magnification

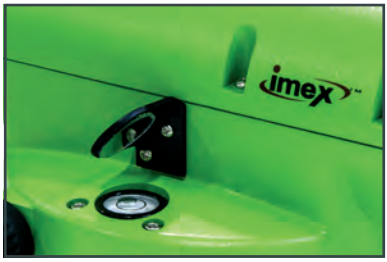
Professional automatic optical levels (also known as dumpy levels) are built for the construction site and general survey tasks. The magnetic compensator gives greater levelling stability, they are quick to set up and easy to use. Commonly used with a dome top tripod for greater flexibility and available in 28x & 32x magnification.

Technical Specification	LAR28	LAR32
Standard deviation 1km	1.5mm	1.0mm
Magnification	28 x	32 x
Horizontal circle	360° graduations	360° graduations
Compensator	Magnetic damping	Magnetic damping
Objective aperture	34m	34m
Weight	1.8kg	1.8kg
Warranty	3 Years	3 Years



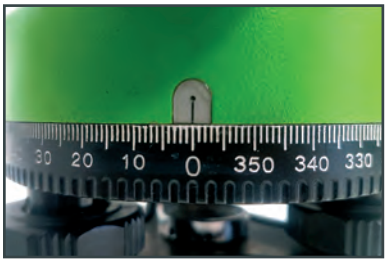
Visual Targeting Arrow

Mounted on the top of the optical level for easy visual targeting. Often focusing on the desired target or staff can be a difficult task at a long distance, the visual targeting arrow makes this easier to position the level before focusing on the point of focus.



Mirrored Levelling Bubble

The top mounted levelling bubble is an essential part of the optical level set up process to ensure the level is mounted flat on the tripod. The Imex optical level range features a 90 degree mirrored bubble for easy levelling, especially on a elevated tripod position.



Engraved Degree Markings

Full 360 degree rotation around the optical level base allows for accurate site set out and survey. With fully engraved markings, the optical level can be micro adjusted to the exact degree of angle required for perfect levelling every time.

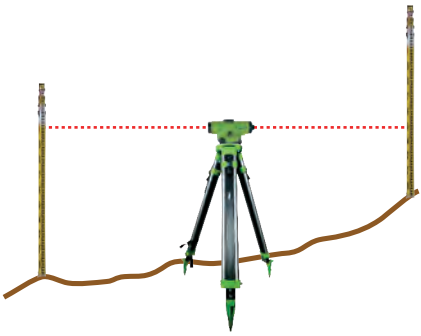
Setting Up an Optical Level

When operating a dumpy level, you must ensure that the level is securely placed, preferably on a tripod (dome or flat). Using the 3 levelling legs/screws the user can micro adjust the optical level so that it is sitting perfectly flat on the tripod. This can be checked against the levelling bubble situated on the top of the level. Next you must align the instrument by looking through the eyepiece and micro adjusting the level on its base. The focus of the level can be adjusted to your visual point of measure using the focus adjust wheel on the side of the level. The Imex range of optical levels all come pre calibrated and are self levelling for accurate site readings every time.

Horizontal and vertical cross-hairs allow for vertical and horizontal alignment.

Using an Optical Level

Optical levels are a reliable, simple and effective tool commonly used across the construction industry for multiple levelling, grading and surveying tasks. The operator must look through the optical eyepiece to measure against a staff or tape measure placed at the point being measured. This site levelling technique is particularly useful to surveyors during site surveys as well as a whole host of other uses within the construction industry. The Imex LAR32 optical level offers 32x magnification giving users the flexibility of an extended visible working range.



Sighting is done with an assistant surveyor who holds a graduated staff vertical at the point under measurement. The surveyor rotates the telescope until the graduated staff is in the cross hairs and records the reading. This is repeated for all sightings from that datum. Should the instrument be moved to another position within sighting distance, it is re-levelled, and a sighting taken of a known level in the previous survey. This relates any new levels to the previous levels. Using a known datum point, ground level readings can be taken relative to the datum point across a site to determine grade, height etc.

Buying Options

Unit Only: **012-ILAR28**
012-ILAR32

Sold without the tripod and staff. Includes the level, plumb line, calibration pin and hard carry case.

Optical Level Kit: **012-ILAR28S**
012-ILAR32S

Sold with the tripod and staff. Includes the level, plumb line, calibration pin and hard carry case.

Machine /Rotary Receiver Range

MR360 Machine Receiver

Works with Red Beam Lasers

The magnetic MR360 Machine control receiver offers the optimum in time saving for all grader, dozer, bobcat or scraper operations. Full 360 degree reception and in-cab display for easy construction and site preparation.

Optional clamps for pole mount

Technical Specification

Detector range	200m
Fine accuracy	3-12mm
Coarse accuracy	5-25mm
Detector receiving range	360°
Detection wavelength	630nm - 780nm
Pick up length	250mm
Power	7.2v NiMh
Operating time	40hr
Charge time	10hr
Temperature range	-20°C to +50°C
Storage	-30°C to +60°C
Water/dust proof	IP66
Warranty	3 years

MR240 Machine Receiver

Works with Red Beam Lasers

The MR240 machine control receiver is designed to aid a wide range of digging applications by providing users with an on-grade indication for maximum accuracy. The Imex MR240 is compatible with any excavator or staff. High-precision saves time, over-digging and backfill material costs. The optimum in time saving for all grader, dozer, bobcat or scraper operations. 240˚ reception and ultra bright display for easy construction and site preparation.

Magnetic or staff mounting options

Hard protective carry case

Technical Specification

Detector range	200m
Detector accuracy	Fine ±5mm | Coarse ± 12.5mm
Detector receiving range	240°
Detection wavelength	630nm - 780nm
Power	DC6v (AAx4)
Temperature range	-20°C to +50°C
Storage	-30°C to +60°C
Water/dust proof	IP66
Warranty	3 years

Digital Rotary Laser Receiver

LRX6 - Works with Red & Green Beam Lasers

The Imex LRX laser receiver range offers the latest in laser receiver technology! Level and grade as accurate as 0.5mm with the flexibility of both RED & GREEN beam lasers.

60mm pick up

Digital display & readout

LED indication

Beeper loud/soft

Increment adjust

Backlit display

Rear digital display & readout

Sealed battery Compartment

Heavy duty bracket supplied with receiver

Specification	LRX6
Detection window	60mm +30 to -30
Working range	300m radius
Detectable spectrum	Red, green Laser
Measurement accuracy	Fine - 1.0mm
	Medium - 2.0mm
	Coarse - 5.0mm
Magnets	2x topface
Drop test on concrete	15m height
Waterproof, shockproof	IP67
Warranty	3 years

Digital Rotary Laser Receiver

LRX10 - Works with Red & Green Beam Lasers

The Imex LRX laser receiver range offers the latest in laser receiver technology! Level and grade as accurate as 0.5mm with the flexibility of both RED & GREEN beam lasers.

90mm Pick up

Digital display & readout

LED indication

Backlit display

Beeper loud/soft

Increment adjust

Rear digital display & readout

Sealed battery Compartment

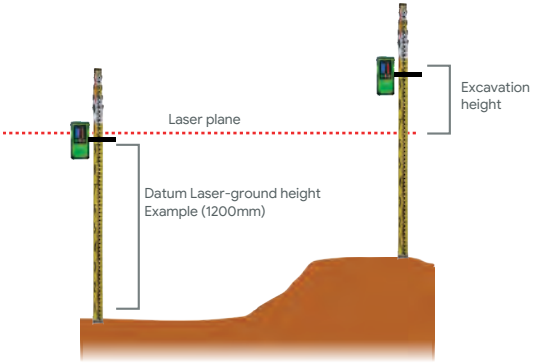
Heavy duty bracket supplied with receiver

Specification	LRX10
Detection window	90mm -30 to +60
Working range	300m radius
Detectable spectrum	Red, green laser
Measurement accuracy	Ultrafine - 0.5mm
	Fine - 10mm
	Medium - 2.0mm
	Coarse - 5.0mm
	Ultracoarse - 10.0mm
Magnets	2x topface
Drop test on concrete	1.5m height
Waterproof, shockproof	IP67
Warranty	3 years

Machine & Rotary Receivers

How are Laser Receivers Used?

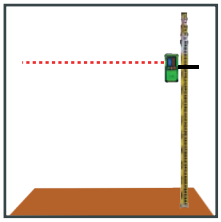
Laser receivers are used for a vast range of levelling / measuring tasks. Different types of laser receivers can be mounted in different ways depending on the task. Machine receivers give coarse levelling indications where fine levelling is not particularly necessary, whereas handheld rotary laser receivers offer much finer readings and are accurate to 0.5mm. In applications where super fine levelling is needed such as brickwork or paving, handheld receivers are the perfect option.



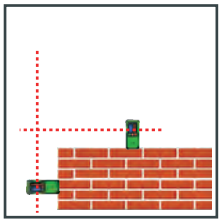
Finding levels across a site can be simple with a receiver and levelling staff. Level readings can be taken across a site to determine ground levels above / below your desired height or grade. Using the measurements on the staff, accurate measurements can be taken to see how much excavation / backfill is needed to reach the desired level (datum point). Other tasks can also be achieved such as grades (single or dual) and vertical levelling however this does depend on the capacity of the laser level used.

Laser Receiver Applications

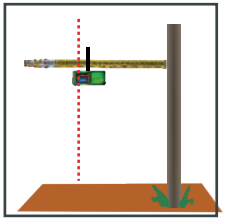
The list of laser receiver applications is endless due to their varied range of applications in the construction industry. Below are a few popular uses.



Horizontal levelling to determine ground levels or grades.



Bricklaying and paving. Fine receivers can give accurate height readings vertically and horizontally.



Vertical levelling used to install fence posts, poles, gates or steel erection.

Machine receivers give coarse level indications when scraping / levelling or grading.

Line Laser Range

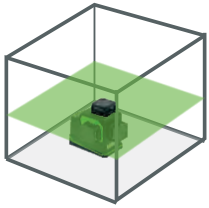
LX3D Line Lasers

Red and Green Beam 3D Line Lasers

The Imex 3-Dimensional, self levelling line lasers are the most popular and most versatile lasers in the range. The laser lines give a full 360° horizontal line and two 360° vertical lines 90° to each other offering ultimate levelling capability combined with powerful hyper-bright laser line technology.

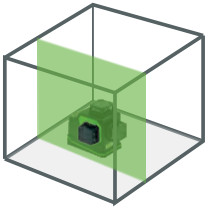
Kit Contents

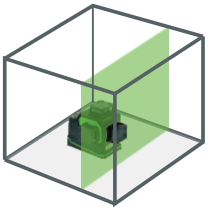
- LX3D line laser
- Universal magnetic bracket
- Ceiling bracket
- Instruction manual
- Li-ion battery pack
- Alkaline battery pack
- Magnetic target plate
- Wall charger + lead



Technical Specification

Light source - RED	630nm - 670nm class 2
Light source - GREEN	510nm - 540nm class 2
Accuracy	± 2mm @ 10m
Damping type	Magnetic - self Levelling
Working distance	30m (Light dependent) 80m with detector
Operating time -RED	20 hours (3 Lines)
	28 hours (2 lines)
	46 hours (1 line)
Operating time -GREEN	8 hours (3 Lines)
	12 hours (2 Lines)
	22 hours (1 Lines)
Power source	Lithium-ion or 4 x AA
Water/dust proof	IP54
Working temperature	-10°C to +50°C
Warranty	3 years





Li-Ion Rechargeable Battery

The LX3D laser has been designed to run on Li-Ion battery power, giving the users the flexibility to charge the laser on site or when not in use. Also included in the LX3D kit is a second battery pack unit where standard alkaline batteries can be used in the laser when needed.

Outdoor Mode

The outdoor mode gives a greater laser working range and application flexibility. When used with the Imex LD1/G1 laser detector, users can extend their working range up to 80m outdoors where the line is no longer visible. Press and hold the power button to switch the laser to outdoor mode enabling the use of the detector.

Ceiling Bracket

Included as standard in the LX3D kit is the ceiling bracket. When used with the standard magnetic base bracket, users can mount their line laser in elevated positions, the perfect solution to suspending ceiling installs. The ceiling bracket is fully adjustable increasing accuracy and flexibility.

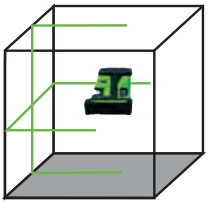
LX25 Cross Line and Dot Laser

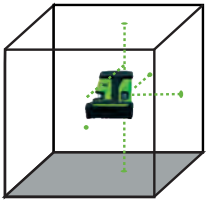
Red and Green Beam Line & Dot Lasers

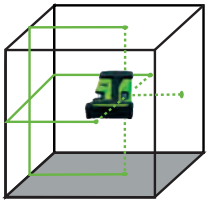
The Imex LX25 Line and dot lasers have a vertical/horizontal line and 5 dots for set out work. The lasers come with a strong magnetic bracket and have dual tripod mounts for multiple mounting options.

Technical Specification

Light source -RED	635nm class 2
Light source -GREEN	532nm class 2
Accuracy	±2mm @ 10m
Damping type	Magnetic - self levelling
Working distance	20m (Light dependent) 80m with detector
Working time between charge	Approx 15 hours (all Lines)
Batteries	3 x AA
Water/dust proof	IP54
Working temperature	-10°C to +50°C
Warranty	3 years





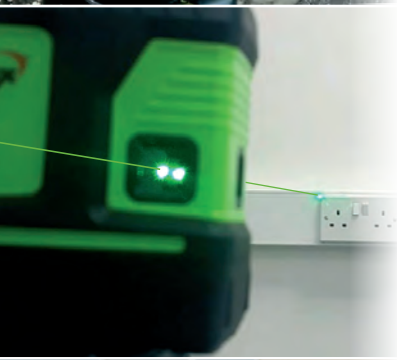


Kit Contents

- LX25 laser level
- Heavy duty magnetic 360 swivel bracket
- Target plate
- Alkaline batteries hard carry case
- Instruction manual

Outdoor Mode

The LX25 features an outdoor mode increasing working flexibility. This feature enables the laser to be used at an increased range up to 80m and outdoors where laser beam visibility would be minimal. Press the outdoor mode on the laser to activate and use with the LD1/G1 detector.



Marking Out Spots

The LX25 line laser features 5 laser dots combined with the standard horizontal / vertical lines giving users ultimate flexibility in laser set out tasks. Dots are situated left, right, up, down and backwards, all at 90 degrees. Perfect for any shop fitting, wall partition, tiling, dry walling, electrical socket/switch placement task. Hyper-bright class 2 laser technology offers a high visibility dot and increased range.

Heavy Duty Wall Bracket

The LX25 line laser is the only model in our range to feature the HEAVY DUTY magnetic wall bracket. This bracket differs from the universal wall bracket as it has a larger magnetic face for greater strength and stability. It also has a 360 degree rotation ability around the locking thread allowing for a greater range of adjustable movement with your laser.

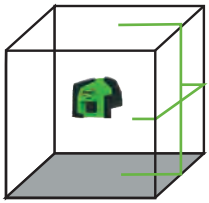
LX22 Cross Line Lasers

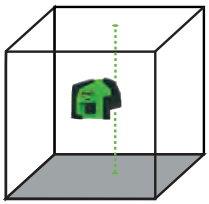
Red and Green Beam Cross Line Lasers

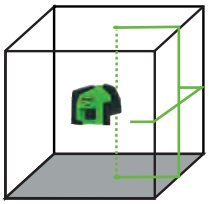
The Imex LX22 self levelling cross line laser is one of the brightest lasers on the market. The LX22 gives a powerful horizontal/vertical line and plumb spots up and down. Single button operation makes it very simple to use.

Technical Specification

Light source - RED	635nm class 2
Light source - GREEN	532nm class 2
Accuracy	±2mm @ 10m
Damping type	Magnetic - self levelling
Working distance	30m (Light dependent) 80m with detector
Operating time	Approx 16 hours (all lines)
Batteries	4 x AA
Water/dust proof	IP54
Working temperature	-10°C to +50°C
Warranty	3 years







Line Lasers

Up/Down Plumb Spots

The LX22 has become one of the most popular entry level line lasers on the market today due to its simple combination of horizontal/vertical lines and up/down plumb laser spots. The perfect combination for any general line levelling tasks such as carpentry, electrical, plumbing etc.

Outdoor Mode

The LX22 features an outdoor mode which can increase working flexibility and working range. This feature enables the laser to be used at increased range upto 55m and outdoors where laser beam visibility would be minimal. Press and hold the power button to activate and use with the LD1/G1 detector.

Buying Options

LX22 Unit Only Contents:

- Availiable in red & green
- Heavy duty carry case
- LX22 Line laser
- 4x AA batteries
- Magnetic target plate
- Magnetic universal bracket
- Instruction manual

LX22 Kit Contents:

- Availiable in red & green
- Canvas carry bag
- LX22 Line laser
- 4x AA batteries
- Magnetic target plate
- Magnetic universal bracket
- Instruction manual
- Adjustable 1.5m tripod

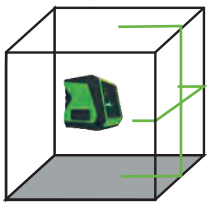
L2G Mini Cross Line Laser

Horizontal / Vertical Green Beam Cross line Laser

From the Imex professional laser manufacturers, the new L2G Mini is perfect for all indoor tasks. Featuring high visibility green beams and includes an elevating tripod as standard. The L2G is a compact, accurate and versatile line laser solution for any interior short distance levelling task.

Technical Specification

Levelling accuracy	±2mm @ 10m
Plumb accuracy	±3mm @ 10m
Working distance	20m
Operating time	16 Hours (All Laser beams on)
Power source	2 x “AA”
IP rating	IP54
Warranty	1 Year
Tripod height	280 - 660mm



LP3 Dot Laser

Red Beam 3 Dot Laser

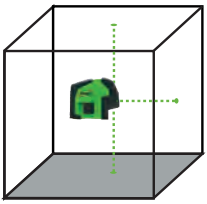
The Imex LP3 Dot Laser is the set-out tool of choice for professionals, with ultra-bright fine dot points for greater accuracy and distance. The LP3 dot laser is the effective and affordable choice for any shop fitting, carpentry, electrical or framework task. Featuring a plumb spot up, down and out the front at 90 degrees.

Technical Specification

Output	630nm – 670nm
Levelling accuracy	±2mm @ 10m
Levelling/Compensation range	4+-1
Plumb accuracy	2mm/10m
Working distance	30m
Operating time	16 Hours (All Laser beams on)
Power source	4 x “AA”
IP rating	IP54
Operation temperature range	-10 degrees – + 50 degrees
Warranty	3 Years

LP3 Contents:

- Canvas carry case
- LP3 Line laser
- 4x AA batteries
- Magnetic target plate
- Magnetic universal bracket
- Instruction manual



LX11P Floor Square

90 Degree Red & Green Beam Adjustable Floor Square

The LX11 premium tilers square in both red and green beam is a class leader in floor levelling. With 2 hyper-bright laser beams at 90 degrees for true tiling set-out and install. The LX11P features 2 micro adjustable legs which can be used with the levelling bubbles to keep the square at a perfect level for true accuracy. The green beam offers greater visibility over a longer distance, for greater efficiency and productivity.

Technical Specification

Light Source	
Red	635nm
Green	522nm
Output	Laser class 2
Accuracy	0.4mm/m
Batteries	3 x AA
Warranty	3 years

Features:

- Heavy duty metal base
- Adjustable legs
- 2 beams at 90°
- Reflective target plate
- Canvas bag

Kit Includes

- LX11P laser
- Instructions
- Batteries
- Reflective target plate
- Canvas bag

LX11 Floor Square

90 Degree Red Beam Floor Square

The Imex LX11 is the entry level line laser for flooring and tiling applications. With 2 powerful red beam lasers emitted at 90˚ and levelling bubbles for floor level accuracy checks, the LX11 is both effective and affordable.

Technical Specification

Light Source	
Red	635nm
Output	Laser class 2
Accuracy	0.4mm/m
Batteries	3 x AA
Warranty	3 years

Features:

- Heavy duty metal base
- Ruler edges
- 2 beams at 90°
- Reflective target plate
- Canvas bag

Kit Includes:

- LX11 laser
- Batteries
- Instructions
- Reflective target plate
- Canvas bag

Line Laser Accessories

012-320105 - Laser Pole
012-CG11 - Tripod Base Laser Pole

Collapsed height	600mm
Extended height	3.2m
Thread size	1/2 inch
Tripod base	CG11 only
Measurement markings	Yes

A great way to mount your line laser where increased elevation is needed. Can be twist clamped between the floor and ceiling for a sturdy adjustable mounting point.

012-EV18 - Telescopic Tripod

Collapsed height	610mm
Extended height	1.8m
Thread size	1/2 inch
Micro adjustable	Yes

Built tough with a 1/2 inch thread for heavier line lasers. The most popular laser mounting method giving full 360 degree adjustability and a sturdy adjustable laser setup.

012-EV15 - Telescopic Tripod

Collapsed height	610mm
Extended height	1.8m
Thread size	1/2 inch
Micro adjustable	Yes

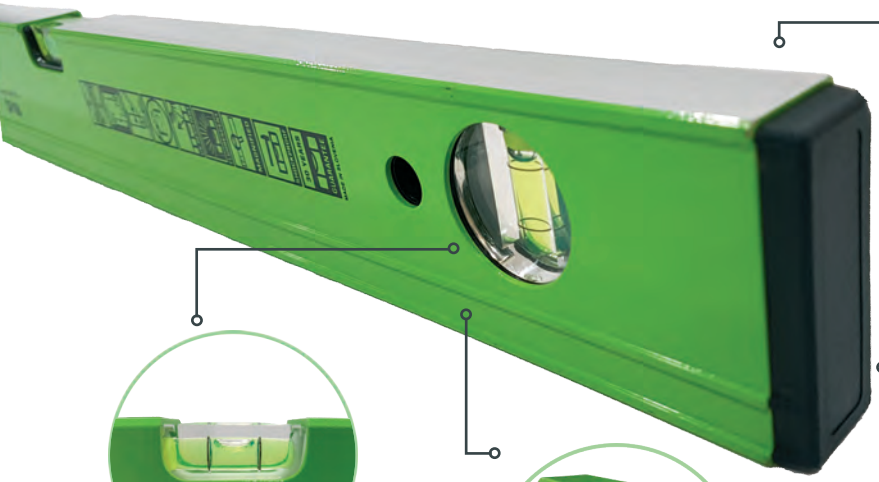
The perfect compact tripod option. Great for entry level levelling with a fully adjustable swivel head for maximum flexibility.

Digital & Spirit Level Range

SP Series Spirit Level

Storm Professional Extra Heavy Duty Spirit Levels

The extra heavy duty spirit levels from Imex incorporate high accuracy vials with a unique, reinforced, aluminium green box section for the toughest of work by all professional tradesmen. Manufactured to Imex exacting standards, these levels stand up to the harshest working environments whilst maintaining high accuracy and performance.



Machined edge

Shockproof rubber end caps

30 year vial guarantee

Reinforced box section

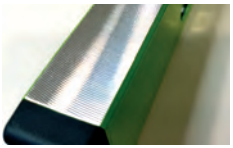
Technical Specifications

Size	600, 900, 1200, 1800, 2000, 2400 mm
Accuracy	0.3mm/m
Vials	Magnified, shockproof, UV resistant
Section	Profiled heavier aluminium
Base	Machine finish (on 600 and 900)
Finish	Epoxy Imex green
Guarantee	30 year for vials

SPL Series Spirit Level

Storm Professional Heavy Duty Spirit Levels

The SPL series heavy duty spirit levels from Imex incorporate high accuracy vials with a unique green box section for everyday use by all professional tradesmen. Manufactured to Imex exacting standards and designed slim and compact, these levels stand up to the harshest everyday working environments.



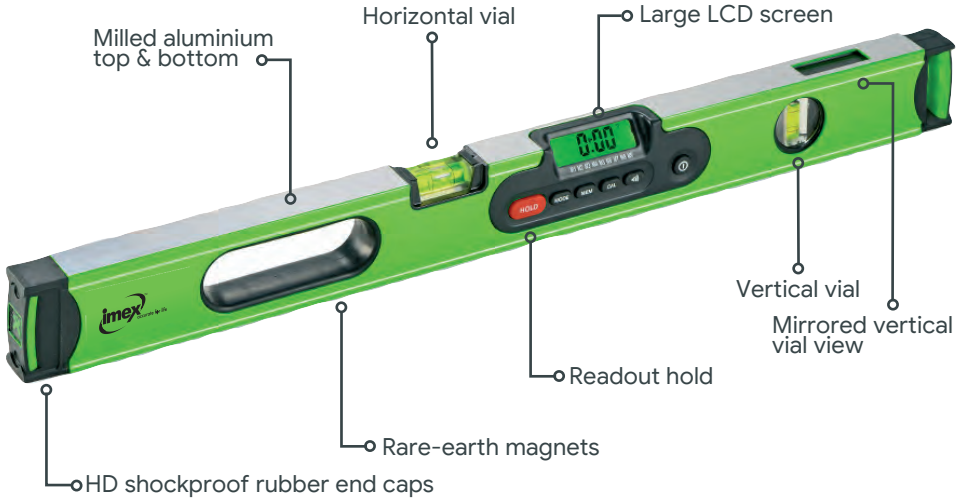
Technical Specifications

Size	600, 900, 1200 mm
Accuracy	0.5mm/m
Vials	Magnified, shockproof, UV resistant
Section	Heavy duty aluminium
Base	Machine finish (on 600 and 900mm)
Finish	Epoxy Imex green
Guarantee	30yr for vials

EL60 / 120 Digital Spirit Level

High Accuracy Magnetic Digital Spirit Levels

Engineered from reinforced aluminium box section resulting in a heavy duty product which will last a lifetime. Using the latest technology the EL series levels are precise enough for demanding professionals within the construction industry. The EL series digital levels also feature a range of functions for everyday levelling tasks. The easy read LED screen inverts for use overhead & upside down, and is supplemented by two spirit level vials if needed. Also designed with a precision milled top & base that contribute to an exceptional degree of robustness, two rare earth magnets inset into the base of the level enabling secure, hands-free attachment to vertical metal surfaces.



Technical Specifications

Digital accuracy	0.1º at level and plumb. 0.2º at other angles
Level accuracy	0.5mm/m
Working temperature	-10ºC - 45ºC
Storage temperature	-30º C - 50ºC
Power supply	PP3 9V battery (available separately)
Length	600mm
Weight	650g
Units of measure	Degrees, %, mm, ft/inch

Digital Spirit Levels

EL Series Features

- Precise digital LCD readout with backlit display
- Memory recall with 9 measurements
- Buzzer at 0º and 90º with mute function
- LCD readout inverts through 360º when level used upside down
- Hold function
- Plumb site dual view
- Shockproof vials
- Ergo grip non-slip soft-grip handle
- Precision milled top and base
- 2 rare earth magnets inset into the base

Benefits of Digital Levelling

The Imex digital levels combine traditional bubble vials with the latest digital technology. Accurate to 0.1 degrees, users can find levels and increase working accuracy like never before. Other useful features such as the audible buzzer gives a beep at zero, 45 and 90 degrees. This is perfect for trades such as kitchen fitters, shop fitters etc. Traditionally spirit levels have had common place within the construction industry, spirit level accuracy can vary depending on the vial quality and also the user's visual bubble readings. To ensure accuracy of our EL series, we offer a 30 year guarantee on the vials to boast the quality of our manufacturing process.

Digital Spirit Level Applications

The EL series levels possibly have one of the widest range of applications in our product range. Due to its simple design and range of functions, the EL series levels can be used practically in any application where level readings are needed. Most commonly used for interior trades such as carpentry, electrical, plumbing, roofing, kitchen fit and many more. Also commonly used for exterior trades such as paving, bricklaying steel erection, concreting and more. Whatever your task, you can increase accuracy like never before.

EL20 Digital Spirit Level

High Accuracy Digital Spirit Level

The EL20 magnetic level proves itself in all areas with high accuracy levelling combined with a 160mm design for compact daily levelling tasks. Perfect for engineers, steelworkers, fabricators, roofers and many more trades where accuracy is a must. Designed with a V-groove in the top and bottom, the EL20 sits stable on pipe work etc for taking accurate hands-free level readings. Built tough with a full metal design and sealed digital components for the toughest heavy duty site work.

Technical Specification

Digital accuracy	+/- 0.1º
Working temperature	-10°C - 45°C
Power supply	3 x AAA batteries
Length	160mm
Units of measure	in/ft | mm/m | º | %
Working range	0º - 360º
Display	Backlit LCD

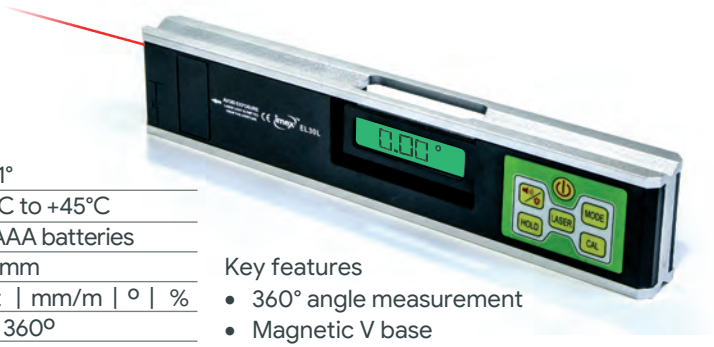
Key features

- Magnetic V base
- Self calibration function
- Buzzer at horizontal alignment
- ± 0.1° accuracy
- 360° angle measurement

EL30L Digital Spirit Level

High Accuracy Digital Spirit Level + Laser Pointer

The EL30L digital level combines the qualities of the rest of our digital level range with a class 2 laser pointer for large layout and alignment tasks. Modern digital levelling technology allows for 360° levelling with extreme accuracy. A compact heavy duty aluminium construction and rotational display screen allows for flexible sturdy levelling.



Specification

Digital accuracy	± 0.1°
Working temperature	-10°C to +45°C
Power supply	3 x AAA batteries
Length	300mm
Units of measure	in/ft | mm/m | º | %
Working range	0º - 360º
Display	Backlit LCD
Laser wavelength	650nm / class 2

Key features

- 360° angle measurement
- Magnetic V base
- Large LCD display
- Self calibration function

EL60L Digital Spirit Level

High Accuracy Digital Spirit Level + Laser Pointer

The EL60L digital level combines the qualities of the rest of our digital level range with a class 2 laser pointer for large layout and alignment tasks. Modern digital levelling technology allows for 360° levelling along with traditional bubble vials vertically, horizontally and at 45 degrees. A compact heavy duty aluminium construction and rotational display screen allows for flexible sturdy level readings.

Specification

Digital accuracy	± 0.1°
Working temperature	-10°C to +45°C
Power supply	3 x AAA batteries
Length	600mm
Units of measure	in/ft | mm/m | º | %
Working range	0º - 360º
Display	Backlit LCD
Laser wavelength	650nm / class 2

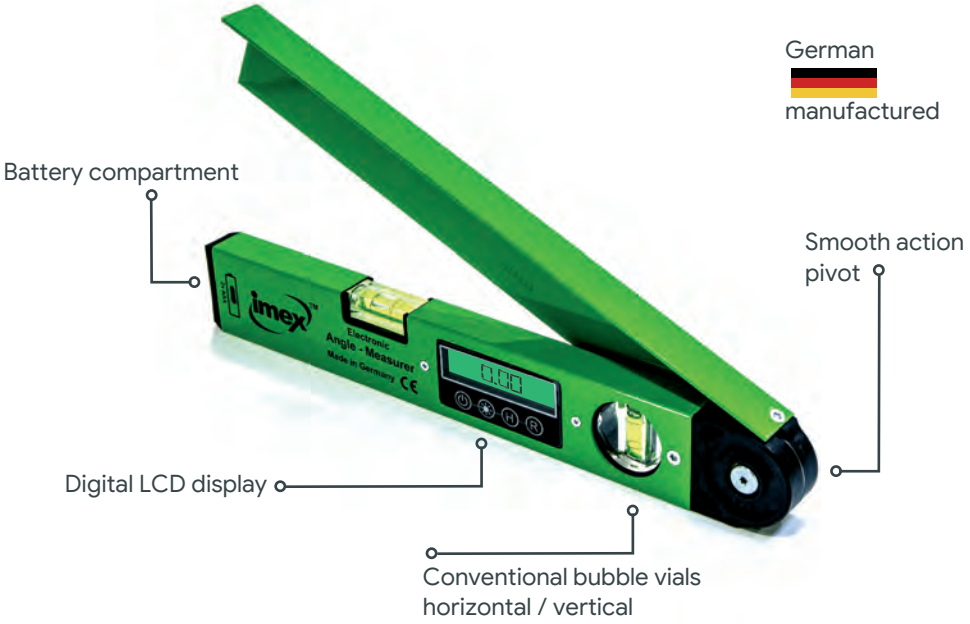
Key features

- 360° angle measurement
- Magnetic V base
- Large LCD display
- Self calibration function

Digital Angle Gauge

High Accuracy Digital Angle Gauge

The Imex digital angle gauge series offer the latest digital levelling technology for ultimate precision levelling. Built to the highest German manufacturing specification from steel for heavy duty every-day levelling. Combined with conventional fluorescent levelling bubbles, the Imex range of digital angle gauge can also be used as a standard spirit levels if necessary. These gauges have been specifically designed to offer high quality and accurate readouts. This product is the perfect instrument for fabricators, roof pitches, balustrades and many more construction/fit-out applications.



Technical Specification

Digital accuracy	± 0.2°
Measuring range	± 0° - 180°
Auto switch off	After 5 mins
Operating temperature	-5°C - 35°C
Battery	2 x AAA
Weight	460g
Available lengths	350mm
	500mm
	750mm
	1050mm

Measuring & Testing

R500 - Measuring Wheel

Heavy Duty Measuring Wheel

The R500 measuring wheel has been designed for use where storage space is of all importance. With no compromise on quality, the R500 folds down to 380mm for everyday compact transportation and storage. The R500 model carries all the key features of its superior model such as the 10k range, trigger brake and thumb dial reset.

Technical Specification

Measuring range	10,000 m
Wheel diameter	159.1mm (6 inch)
Full height	1040mm
Collapsed height	430mm
Trigger brake	Yes
Thumb reset	Yes
Display	Analogue
Canvas bag	Yes
Warranty	1 year

3 part collapsible

R1000 - Measuring Wheel

Heavy Duty Measuring Wheel

The R1000 measuring wheel is the most popular in the range. The counter will count up when moving forwards and down when moving backwards and comes with a canvas carry pouch. Accuracy of use is maintained with the pendulum pointer and brake control. The counter can be re-set from the trigger on the handle or by the push button on the counter.

Technical Specification

Measuring range	10,000 m
Wheel diameter	319.7mm (12 inch)
Full height	980mm
Collapsed height	490mm
Trigger brake	Yes
Thumb reset	Yes
Display	Analogue
Canvas bag	Yes
Warranty	1 year

R1000D - Measuring Wheel

Heavy Duty Digital Measuring Wheel

The R1000D combines high accuracy distance reading with modern digital technology for precise accurate measurements every time. Designed specifically for increased ease of use such as the ergonomic pistol grip, carry handle and easy read LCD display.

Technical Specification

Measuring range	10,000 m
Wheel diameter	319.7mm (12 inch)
Full height	980mm
Collapsed height	490mm
Trigger brake	No
Thumb reset	No
Display	Backlit LCD digital
Canvas bag	Yes
Units of measure	m / ft
Memory recall	5
Warranty	1 year

IR650 - Infrared Thermometer

Non - Contact Infrared Thermometer with Laser Pointer

The IR650 infrared thermometer allows you to safely measure the temperature of any surface or fluid. The wide temperature range and measurement recall function make this suitable for all professional trades where accurate temperature readings are of all importance.

Key features

- 12:1 optical resolution
- Easy gun style grip
- Laser target pointer
- Lightweight
- °F or °C selectable
- Large temperature detection range
- Auto power off
- Auto hold

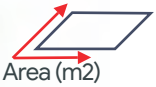
Technical Specification

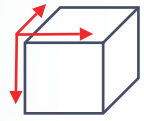
Detection range	-50°C - 650°C
Units of measure	°C / °F
Measurement recall	10
Auto power off	30 seconds
Power source	1x 9V battery
Dimensions	170x 135x 36mm
Weight	168g
Warranty	1 year

BE80 - Laser Measure

80m Range Multi Function Laser Measure

The BE80 is our premium distance measure model offering advanced measuring features and functions for professional survey/set-out tasks where accuracy and precision is of all importance. With increased range, advanced calculation functions such as Pythagoras, staking and tilt sensor, the BE80 offers high performance, accurate distance measuring capabilities.


Area (m2)


Volume (m3)

Pythagoras

Staking

Features

- 80m Range
- Measure area, length, cubic & Pythagoras
- Tilt function for angle measuring and indirect
- 7 x second speed measuring
- Adjustable end function
- 99 measurement recall
- Belt pouch
- Heavy duty casing
- Measuring from front or rear

Technical Specification

Measuring range	50mm-80m
Accuracy	±1.5mm @ 80m
Measuring speed	0.5 sec
Laser type 660nm	Class II
Power	2 x AAA batteries
Dimension	122 x 45 x 25mm
Operating temp	-10°c - 50°c
Storage temp	-25°c - 70°c
Auto shut off	3 minutes
Memory	99 measurements
Warranty	2 years

Area measurement	Yes
Cubic measurement	Yes
Pythagoras measurement	Yes
Countdown timer	Yes
Add/subtract	Yes
Staking	Yes
Tilt sensor	Yes
Adjustable unit of measure	Yes
Back light	Yes

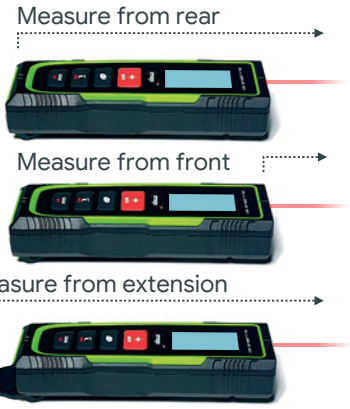
BE30 - Laser Measure

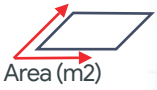
30m Range Multi Function Laser Measure

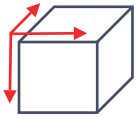
The bullseye 30 is the most popular distance measure in our range. Incorporating fast response measuring technology with high precision and accuracy for fast, easy, long distance measuring. Designed with a robust, ergonomic housing for the optimum in affordable professional measuring.

Features

- 30m Range
- Measure area, length, cubic
- Adjustable end function
- Belt pouch & clip
- Measuring from front or rear




Area (m2)


Volume (m3)

Technical Specification

Measuring range	0.05m-30m
Accuracy	±2mm @ 30m
Measuring speed	0.6 sec
Laser Type 620 - 690nm	Class II
Power	2 x AAA batteries
Dimension	122 x 36 x 20mm
Operating temp	-10°c - 50°c
Storage temp	-25°c - 70°c
Auto shut off	3 minutes
Memory	3 x measurements
Warranty	2 Years

Area measurement	Yes
Cubic measurement	Yes
Pythagoras measurement	No
Countdown timer	No
Add/Subtract	No
Staking	No
Tilt sensor	No
Adjustable unit of measure	Yes
Back light	Yes
Screen invert	Yes

MP100 Digital Moisture Meter

Handheld Digital Multi-function Moisture Meter

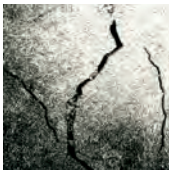
The Imex MP100 moisture meter has been designed to be simple and effective to operate giving accurate moisture level readings in various construction materials such as timber, concrete, drywall etc. An ergonomic design and clear easy read LCD display enables simple easy moisture readings at the push of a button.

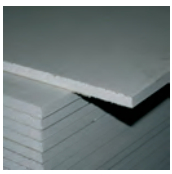
Key Features

- Large easy read LCD display
- Specific timber mode
- Construction material mode
- Protection cap for pins
- Coloured LED moisture indicators
- Beep sound warning
- Data hold function
- Blue 5-11.9%
- Green 12-15.9%
- Red 16-50%
- Protection cap
- Easy calibration check

Technical Specification

Detection range	0% - 50%
Units of measure	%
Measurement recall	No
Auto power off	1 minute
Power source	1x 9V battery
Weight	150g
Warranty	1 year





Detects wood, concrete, drywall and many more.

Tape Measure Range

SP Series Steel Tapes

Laminated Long Length Steel Tape Measures

The SP series tape measures are professional, non stretch, robust and designed for high accuracy surveying tasks. The unique 'Z' Handled design, laminated tape and geared winding make this one of the most popular steel tapes on the market today.

Key features

- Fast 2 x rewind
- Metric on top side
- Imperial on rear side
- Soft grip handle
- Cushioned bump stop on rewind
- Anti stretch tape

Specification

Available lengths	30, 50, 100m
Tape material	Steel
Laminate	Nylon coated
Units of measure	Metric/imperial
Rewind	2x speed + cushioned stop
Tape width	13mm
Tape end	Hook and claw
Accuracy	EC Class 2 / Class II
Warranty	1 year

FR Series Fibreglass Tapes

Long Length Fibreglass Tape Measures

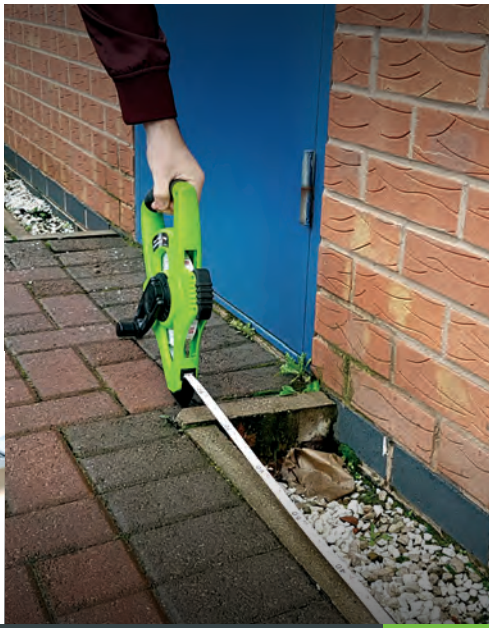
Designed for the professional tradesman with a robust casing, ergonomic design and high accuracy. Built tough for site set out and marking jobs with rubber protection and rewind dampening.

Key features

- Fast 2x rewind
- Metric on top side
- Imperial on rear side
- Soft grip handle
- Cushioned bump stop on rewind
- Fibreglass 200 kg tensile strength ribbon

Specification

Available lengths	30, 50, 100m
Tape material	Fibreglass 200kg tensile strength
Laminate	No
Units of measure	Metric/imperial
Rewind	2x speed + cushioned stop
Tape width	13mm
Tape end	Hook and claw
Accuracy	EC Class 2 / Class II
Warranty	1 year



Tape Measures

Double Sided Heavy Duty Pocket Tape Measures

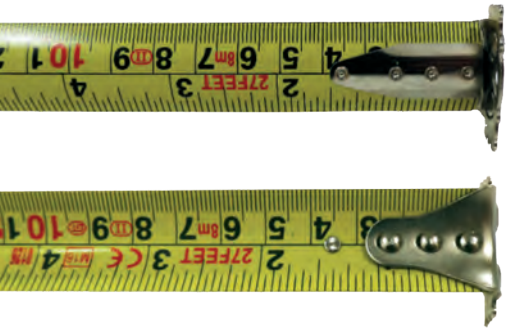
The Imex double-sided pocket tape measure has been designed for the professional tradesman. The double-sided print and the extra-wide magnetic hook makes those awkward measurements easier than ever. Ergonomically designed for everyday heavy duty use with a nylon coated reel for anti rust and finger protection.

Specification

Available lengths	5, 8, 10m
Tape material	Steel
Laminate	Nylon coated
Units of measure	Metric + imperial or metric only
Rewind	Fast + damping
Tape end	Extra wide hook + magnetic
Accuracy	Accuracy class 2

Features

- 5m, 8m and 10m
- Thumb lock
- Double sided blade
- Extra wide hook
- Magnetic hook
- Positive recoil
- Ergonomic design
- Available in metric only (5m Only)



String Lines

Hi-Visibility String Line

The Imex 100m string line is becoming increasingly popular due to its hi-visibility and strength. The line is 8 strand braided which gives it the high strength and prevents fraying when cut. Unlike many other lines, the Imex brand comes on a plastic reel which is weatherproof and durable preventing water log and tangle. Most commonly used for brick/block laying, stud work, concreting, foundation set out and many more.

Features

- Hi-Visibility fluorescent colouring
- 8 Strand braided
- 100m length
- Plastic spool
- Anti stretch / fray
- Available in fluorescent pink, yellow and green

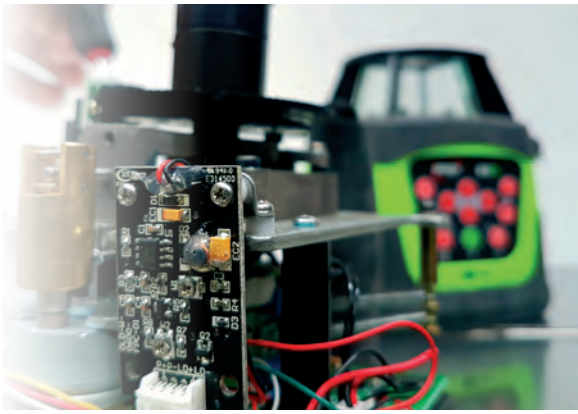
Service & Support

Training & Demonstrations

Whether you are a user or a reseller of the Imex product range, we pride ourselves in our renowned commitment to full product training and support. Either on site demonstrations, or for merchant staff and salesmen. Speak with our office today to arrange a site demonstration, on-site support and advice, or full table top staff training for your store or merchant. Contact your local sales representative today:
01245 890189 | sales@asprotools.com

Calibration & Repair

We pride ourselves in our renowned quality and accuracy across our product range. We ensure every laser is quality checked and a full calibration is carried out before dispatch. We recommend a full calibration check every year to ensure the accuracy of your product. Require your laser to be calibrated or repaired? With Imex it's simple!



Step 1. Go to www.imextools.co.uk/service-repair

Step 2. Enter your full detail into the form to request collection of your product

Step 3. Imex receive notification of your collection request, and proceed with the collection of your product. As soon as this is done you will receive an email confirming the time / date and courier.

As soon as we receive the unit back at the Imex service centre it will be assessed and calibrated. In the event of a query you will be contacted regarding any further work or repair that may be required to your product.

For full service terms and conditions, please refer to https://imextools.co.uk/terms-and-conditions/

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Notes

Notes

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Aspro Tools Ltd
Saxon House, 23 Springfield Lyons Approach, Springfield,
CHELMSFORD, Essex, CM2 5LB

sales@asprotools.com
www.asprotools.com
01245 890189