



Einhell



**LASER AND DETECTOR
TECHNOLOGY.**
TAKING PRECISION VERY SERIOUSLY.

Digital measurement tools are versatile, precise and efficient.
Get your projects done in no time with these practical helpers for **measuring** and **detecting**.

LASER DISTANCE METER

Ideal for anyone who wants to quickly take reliable precision measurements.

DIGITAL DETECTOR

A digital detector that locates ferrous and non-ferrous metals, live wires and wood.

CROSS LASER LEVELS

With the cross laser levels by Einhell, complex alignment is a thing of the past.

LASER LEVELLING

The laser levelling TC-LL 1 by Einhell combines a conventional spirit level with a line laser.

WE TAKE THE MEASURE OF EVERYTHING.

DIGITAL MEASUREMENT TOOLS ARE VERSATILE – THEY ARE CURRENTLY STATE-OF-THE-ART FOR MEASUREMENT AND DETECTION.

„Close-enough“ results on renovation projects are also a thing of the past. Measurement is precision work. Minor measurement errors can ruin the best plans. Accept nothing less than top quality because measurement tools by Einhell display high-precision results and interpret the data on the spot.



ACCURATE

Distance measurements with millimetre accuracy and precision calculation of areas and volumes.

PRACTICAL

Determine the amount of wall paint, wall paper or floor covering as easy as child's play without the need of pencil & paper maths.

VERSATILE

Multiple measurement references give you maximum flexibility to meet different needs.

JUST SWITCH ON, TAKE MEASURE- MENTS, DONE.

**IDEAL FOR ANYONE WHO WANTS TO QUICKLY TAKE RELIABLE
PRECISE MEASUREMENTS.**

Our laser distance meters feature the latest laser technology and deliver outstanding reliability and precision.

EINHELL LASER DISTANCE METERS

The laser distance meter TE-LD 60 takes extremely accurate distance measurements. The measuring range is 0.05 m - 60 m. The results can be sent via Bluetooth® for processing on the mobile app. Thanks to the laser technology the measuring accuracy is +/- 2 mm/m regardless of the distance. Therefore, the laser distance meters totally eliminate the need for a folding ruler.



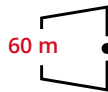
Easy to use

Operation is self-explanatory and intuitive.



Distances, areas, volumes

Distances, areas and volumes can be easily determined and simultaneously added and subtracted.



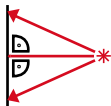
Working range up to 60 m

The laser distance meters have different working ranges, so that you have the right device to meet your exact needs.



Multiple measurement references

Exact placement of the device along edges for precise measurement data acquisition even in tight spaces or difficult work environments.



Pythagoras function

Indirect measurement of lengths and heights simply by aiming at measurement points – ideal for taking measurements in places that are difficult or impossible to access.



Pitch function

Precise determination of pre-defined distances, e.g. placement of fence posts.



Safety function

Laser radiation only with repeated power-up for added user safety.



Min/Max function

The min/max function can be used to take continuous measurements. The nearest and furthest distances are displayed.

LASER DISTANCE METER

TE-LD 60

Simple and precise measurement of distances up to 60 m

Simple measurement, addition and subtraction of distances, areas and volumes

User-friendly documentation of measurement results via Bluetooth® using the Einhell Measure Assistant App

Pythagoras function: Indirect measurement of lengths and heights in places that are difficult or impossible to access

The last 20 measurement results are automatically saved



Min/max function for continuous measurements

Safety function: Laser radiation only with repeated power-up

Stop plate for taking measurements from corners

Pitch function: Highly precise determination of predefined distances



1

Simple measurement of areas, e.g. to determine the amount of wall paint needed.



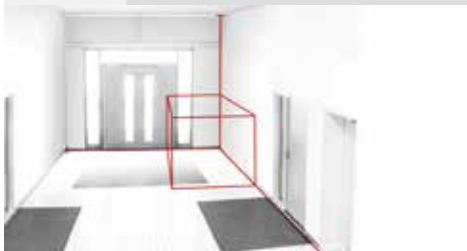
2

Continuous measurements for performing uninterrupted distance measurement using the min/max function.



3

Simple measurement of distances, e.g. to determine the amount of skirting boards needed.



4

Simple measurement of volumes, e.g. to determine room volumes for HVAC systems.



5

Ability to create predefined uniform spacing using the pitch function, e.g. for determining the correct spacing between fence or railing posts.



6

Indirect determination of heights and lengths in places that are difficult or impossible to access using the Pythagoras function.

LASER DISTANCE METERS

TC-LD 25 | TC-LD 50 | TE-LD 60

TC-LD 25



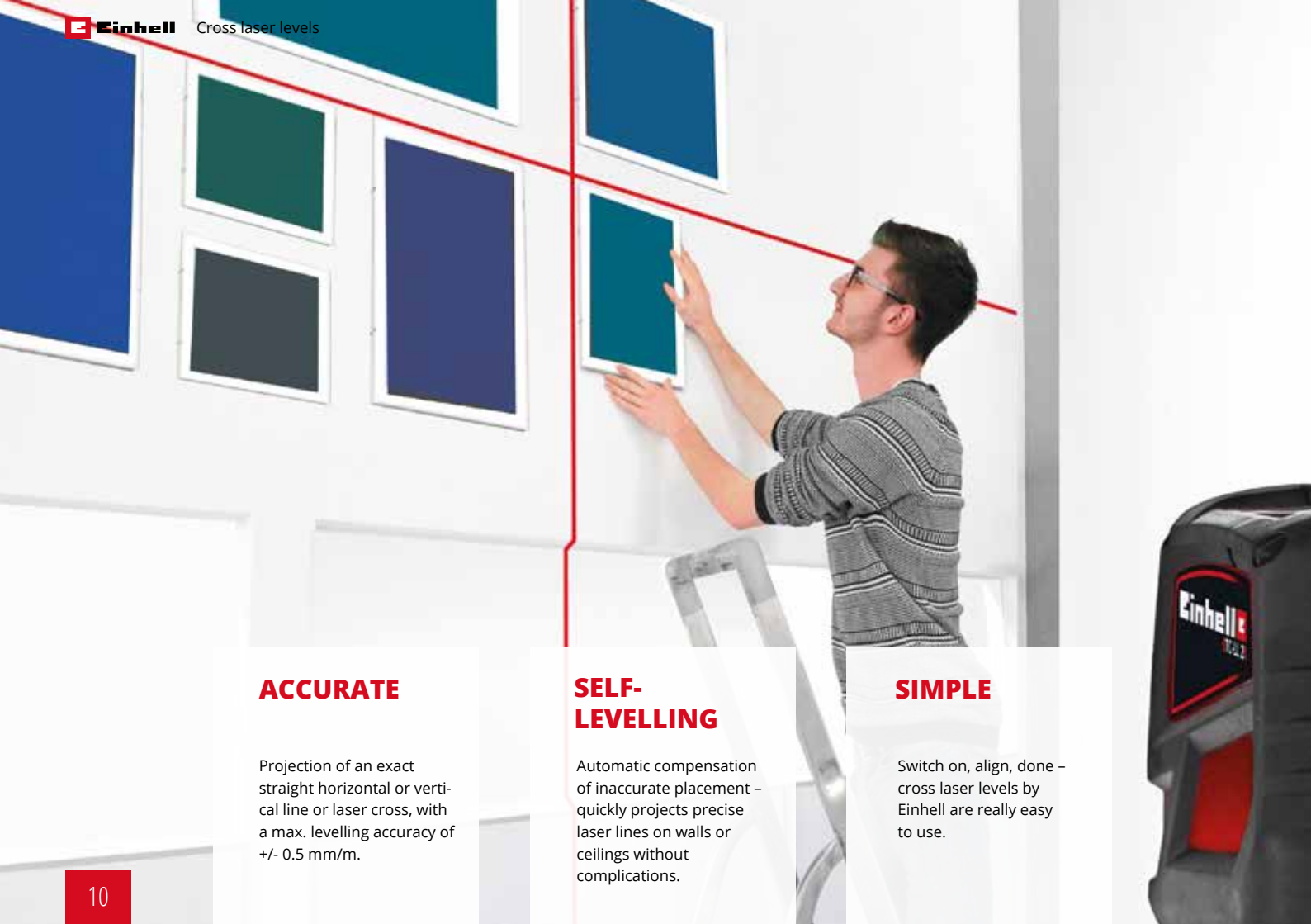
TC-LD 50



TE-LD 60



Technical data	Laser Type	Class 2, 635 nm	Class 2, 635 nm	Class 2, 635 nm
	Measuring range	0.05 m – 25 m	0.05 m – 50 m	0.05 m – 60 m
	Measuring accuracy	+/- 3 mm/m	+/- 2 mm/m	+/- 2 mm/m
	Measurement references	Front and rear edge	Front and rear edge, swing-out stop plate	Front and rear edge, swing-out stop plate
	Weight	0.09 kg	0.12 kg	0.12 kg
Features	Compatible with the mobile app	-	-	✓
	Distance measurement	✓	✓	✓
	Area measurement	✓	✓	✓
	Volume measurement	✓	✓	✓
	Addition and subtraction of distances, areas and volumes	✓	✓	✓
	Min/max function for continuous measurements	✓	✓	✓
	Safety function	✓	✓	✓
	Pythagoras function	-	✓	✓
	Pitch function	-	✓	✓
	Digital spirit level	-	-	✓
	Last measurements saved automatically	-	20	20
	Soft grip	✓	✓	✓
	Incl. practical bag for storage	✓	✓	✓
Required batteries (not supplied)	2x AAA 1,5V	2x AAA 1,5V	2x AAA 1,5V	
Article No.	22.700.75	22.700.80	22.700.85	



ACCURATE

Projection of an exact straight horizontal or vertical line or laser cross, with a max. levelling accuracy of +/- 0.5 mm/m.

SELF-LEVELLING

Automatic compensation of inaccurate placement – quickly projects precise laser lines on walls or ceilings without complications.

SIMPLE

Switch on, align, done – cross laser levels by Einhell are really easy to use.

PUT YOUR IDEAS ON THE WALL WITH PRECISION.

WITH CROSS LASER LEVELS BY EINHELL, COMPLEX OBJECT ALIGNMENT IS A THING OF THE PAST.

Uniform alignment and diagonal placement of objects, mounting of objects at the same height or alignment of objects at the same height in the room are child's play when you use the cross laser levels by Einhell.

EINHELL

CROSS LASER LEVELS

Put your ideas into practice and give your creativity free rein with our handy 360° cross laser level TE-LL 360.



Easy to use

Switch on, align, done – cross laser levels by Einhell are really easy to use.



Laser cross

Projection of a laser cross makes it easy to align objects.



Vertical or horizontal laser line

Projection of an exact straight horizontal and/or vertical laser line.



Adaptable laser cross alignment

The alignment of the cross laser levels can be adapted to the particular application using the holders supplied or a tripod.



Self-levelling

The laser cross is accurately aligned with a precision of max. +/- 0.5 mm/m using the self-levelling function.



1/4" tripod thread

With a 1/4" tripod, taking measurements is simpler and more accurate, and you have greater flexibility.

360° CROSS LASER LEVEL

TE-LL 360

Simple projection of a laser cross

Simple projection of a horizontal or vertical laser line

Horizontal 360° line for easy alignment of objects in a room

Incl. height-adjustable wall bracket



Diagonal placement of objects by appropriate alignment of the laser

Soft grip for comfortable handling

Self-levelling

Integrated 1/4" thread for use with a tripod



1

Simultaneously projects a vertical and a horizontal line, e.g. for uniform alignment of objects.



2

Helps placing objects at the same height.



3

Horizontal 360° line for easy alignment of objects in a room.

TC-LL 2



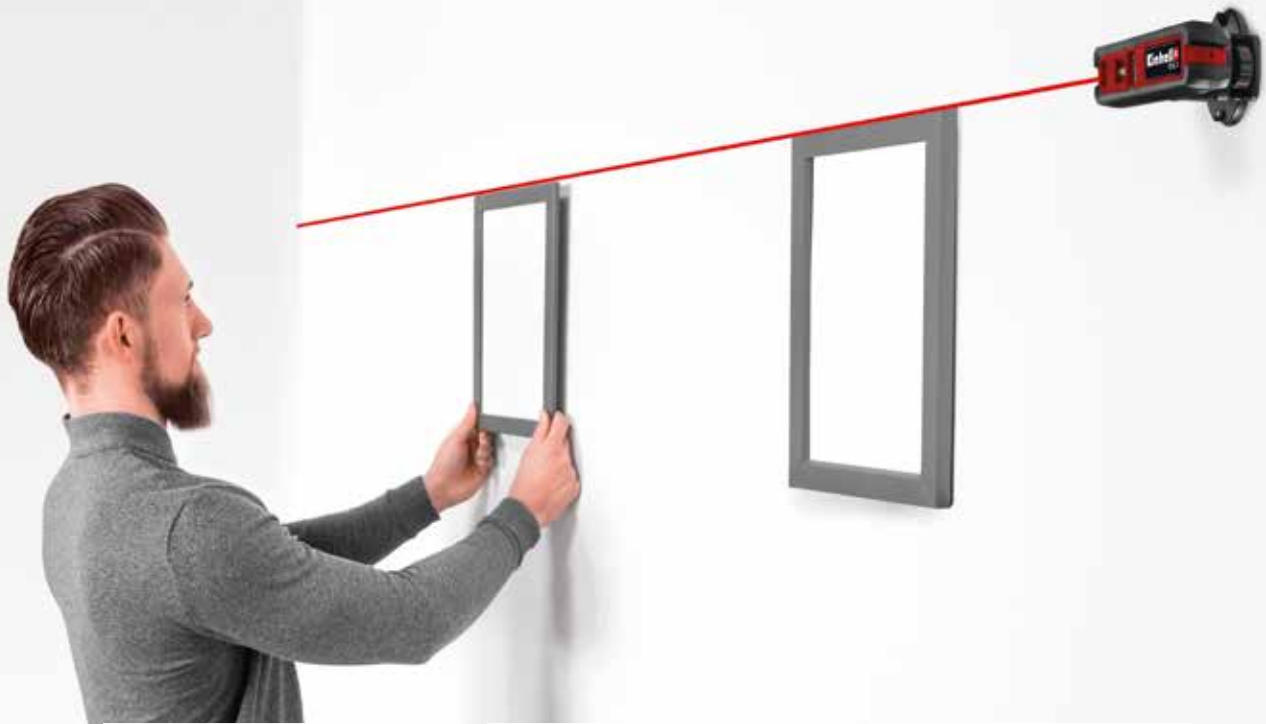
TE-LL 360



CROSS LASER LEVELS

TC-LL 2 | TE-LL 360

Technical data	Laser Type	Class 2, 635 nm	Class 2, 635 nm
	Measuring range	8 m	20 m
	Measuring accuracy	+/- 0.5 mm/m	+/- 0.4 mm/m
	Levelling range	+/- 4°	+/- 4°
	Self-levelling time	5 s	5 s
	Tripod thread	1/4"	1/4"
	Weight	0.23 kg	0.27 kg
Features	Laser cross	✓	✓
	Horizontal 360°line	-	✓
	Horizontal laser line	✓	✓
	Vertical laser line	✓	✓
	Self-levelling	✓	✓
	Digital spirit level	✓	✓
	Soft grip	✓	✓
	Incl. universal clamp	✓	-
	Incl. height-adjustable wall bracket	-	✓
	Incl. practical bag for storage	✓	✓
Required batteries (not supplied)	2x AA 1,5V	4x AA 1,5V	
Article No.		22.701.05	22.701.10



ACCURATE

Projection of a horizontal, vertical or diagonal laser line with an accuracy of +/- 0.5 mm/m.

HANDY

The pocket-size TC-LL 1 combines a conventional spirit level with a line laser.

VERSATILE

The included wall bracket gives you the flexibility to align the TC-LL 1 to meet the application needs.

THE COMPACT LASER LEVELLING.

**THE LASER LEVELLING TC-LL 1 CONTAINS A SPIRIT LEVEL
AND A LINE LASER IN A SINGLE UNIT.**

Operation of the TC-LL 1 could not be easier. It is the ideal tool for the home handyman to perform a multitude of tasks around the house. It can be used for example positioning wall sockets, cabinets and switches at the same height or hang pictures in the staircase so that they are mounted parallel with the incline.



1

Laser point for precision transfer of heights in rooms (tripod available as an accessory).



Incl. flexible wall bracket



2

Can be used as a conventional spirit level.



3

Flexible wall bracket for comfortable working.

LASER LEVELLING

TC-LL 1

The laser levelling TC-LL 1 combines a conventional spirit level with a line laser. It projects laser lines which are exactly horizontal, vertical or diagonal. The compact laser levelling easily fits into your pocket, so that you always have it to hand. Like a conventional spirit level, the TC-LL 1 has two bubble tubes which the home handyman can use to project a horizontal, vertical or diagonal laser line on the wall with an accuracy of +/- 0.5 mm/m. The laser levelling TC-LL 1 projects laser lines up to a distance of 5 m and laser points up to a distance of 20 m.

TC-LL 1



Technical data	Laser Type	Class 2, 650 nm
	Laser line measuring range	5 m
	Laser point measuring range	20 m
	Measuring accuracy	+/- 0.5 mm/m
	Tripod thread	1/4"
	Weight	0.1 kg
Features	Horizontal laser line and point	✓
	Vertical laser line and point	✓
	Diagonal laser line and point	✓
	Conventional spirit level	✓
	Soft grip	✓
	Incl. flexible wall bracket	✓
	Required batteries (not supplied)	2x AAA 1,5V
Article No.		22.700.95

PRECISION DETECTION, SAFE DRILLING.

MAKING HIDDEN OBJECTS VISIBLE – EINHELL DETECTORS.

The TC-MD 50 reliably detects ferrous metals such as steel as well as live wires up to a depth of 50 mm. Non-ferrous metals, for example copper, are detected up to a depth of 38 mm. The TC-MD 50 also detects wood without problems up to a depth of 19 mm.

DIGITAL DETECTOR

TC-MD 50

Detection of ferrous and non-ferrous metal

Detection of live wires

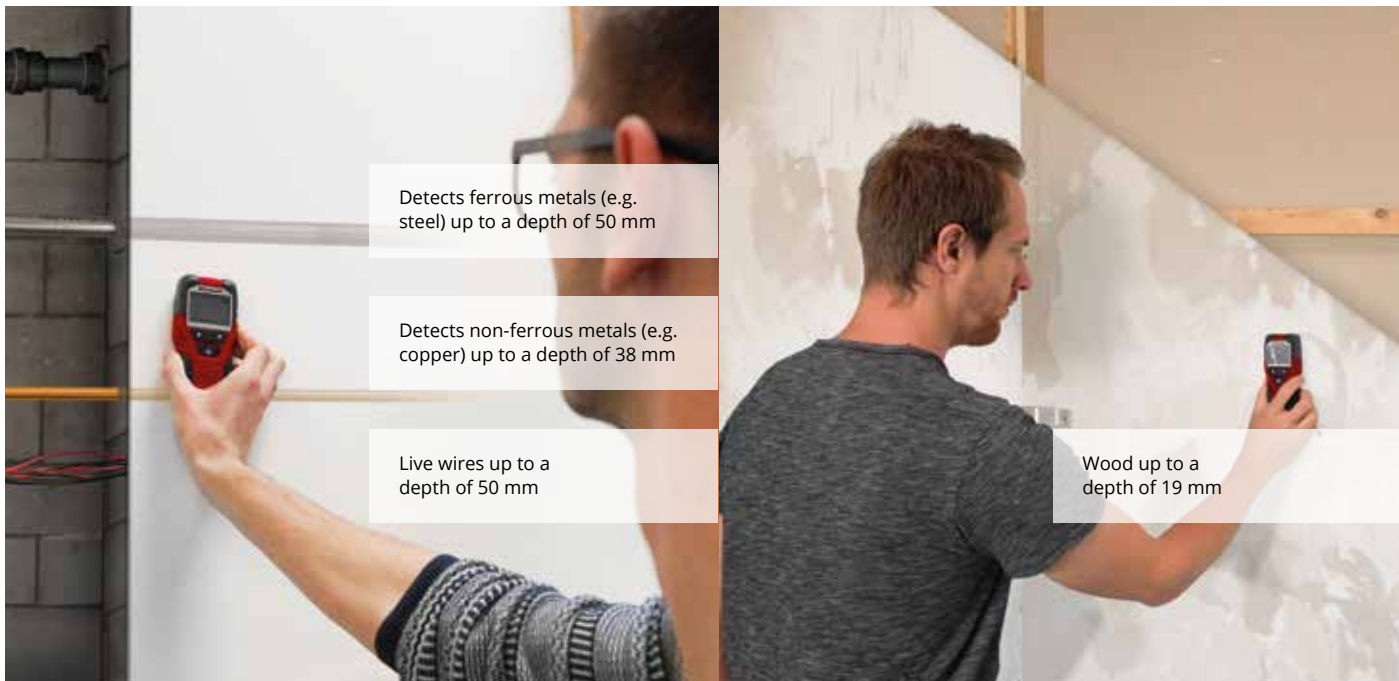
Protector pads on the back for protecting the wall



Detection of wood

Intuitive operation thanks to an acoustic warning signal

Soft grip for comfortable handling



Detects ferrous metals (e.g. steel) up to a depth of 50 mm

Detects non-ferrous metals (e.g. copper) up to a depth of 38 mm

Live wires up to a depth of 50 mm

Wood up to a depth of 19 mm

1
Detection of metal and copper pipes or live wires for drilling safely into walls

2
Detection of wood, esp. in drywall construction, for reliable detection of wood elements

DIGITAL DETECTOR

TC-MD 50

How do you know where studs, pipes and cables are located in the wall? The digital detector TC-MD 50 by Einhell finds ferrous metal, non-ferrous metal and live wires up to a depth of 50 mm. An acoustic warning signal indicates where drilling should be avoided. The soft grip makes it comfortable to operate with just one hand.

TC-MD 50



Technical data	Detection depth	50 mm – ferrous metals 38 mm – copper 50 mm – live wires 19 mm – wood + non ferrous metals
	Automatic switch off	1 min
	Working range	up to 0.05 m
	Weight	0.13 kg
Features	Acoustic warning signal	✓
	Protector pads	✓
	Soft grip	✓
	Automatic switch-off	✓
	Required batteries (not supplied)	1x 9V 6F22
Article No.		22.700.90



LASER AND DETECTOR TECHNOLOGY.

TAKING PRECISION VERY SERIOUSLY.

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Get your projects done in no time with these practical helpers for **measuring** and **detecting**.