Standard tools

Control cabinet spirit level

Spirit level, torpedo type,horizontal, vertical and 45° levels

Item		Part No.	Dimensions mm		Packing unit/pcs
Control	cabinet spirit level	KL420200	200x42x17	65	1



Aluminium spirit level

Characteristics

With vertical and horizontal levels

Item	Part No.	Dimensions mm	Weight g	Packing unit/pcs
Aluminium spirit level	KL425400	400 x 40 x 15	210	1
Aluminium spirit level	KL425600	600 x 40 x 15	305	1



Wooden folding rule

Characteristics

- White/yellow
- No. of links 10
- Length: 2 m



Item	Part No.	Weight g	Packing unit/pcs
Wooden folding rule	KL402	126	1

Measuring tape

Characteristics

- With 3 functions: Length, inside dimension and circles
- Length: 3 m

Item	Part No.	Weight g	Packing unit/pcs
Measuring tape	KL403	124	1





















Longliner



- Handy mini-laser spirit-level in "mouse-design"
- For quick and easy alignment in various installation and construction areas
- Horizontal and vertical alignments
- Rapid and accurate with 9 m visible laser beam
- The device adheres with self-adhesive retaining points

Technical Data		
Length of laser line:	9 m max.	
Accuracy:	±1.3 mm / m	
Aligning levels:	horizontal / vertical	
Laser diode:	635 nm	
Laser class:	2 M	
Current supply:	2 AA	

Item	Part No.	Weight g	Packing unit/pcs
Longliner	KL409	130	1



Squareliner



- Generates two laser beams aligned at precisely 90°
- The beams are fine and highly visible
- Extends an angle template by several metres
- It easily measures or transmits 45°, 90° or any angle on the floor, wall or ceiling
- Built-in circular and tubular spirit-level

Technical Data		
Accuracy:	±3mm / 10 m	
Operating range	max. 30 m (depending on room brightness)	
Visible laser diodes	2 x 635 nm	
Laser class:	2 M	
Current supply:	2 x 1.5 V AA	
Operating period:	48 h	

Item	Part No.	Weight g	Packing unit/pcs
Squareliner	KL430S	250	1



■ Torpedo laser



- Generates either a laser point or a laser beam
- Laser beam can be continuously positioned vertically or horizontally
- Additional locking in 90° increments
- 45°, 90° and 180° levels
- **■** Fastening magnet
- 1/4" thread for camera tripod



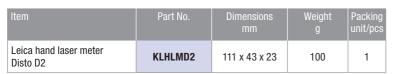
Technical Data			
Accuracy:	±3 mm / 10 m		
Operating range	max. 30 m (depending on room brightness)		
Visible laser diodes	1 x 635 nm		
Laser class:	2		
Current supply:	2 x 1.5 V AAA		
Operating period:	30 h		

Item	Part No.	Weight g	Packing unit/pcs
Torpedo laser	KL430T	348	1

Leica hand laser meter Disto D2



Technical Data	
Range (for longer distances, use target signal)	0.05 m to 60 m
Measuring accuracy	± 1.5 mm
Smallest display unit	1 mm
Laser class:	II
Laser type	635 nm, < 1 mW
Automatic shut-off	in 180 s
Display light	•
Continuous measurement	•
Addition/Subtraction	•
Indirect measurement using Pythagoras	•
Minimum and maximum measurement	•
Multifunctional end piece	•
Batteries	Type AAA 2 x 1.5V
Dimension and weight	111 x 43 x 23 mm, 100 g
Temperature range: Storage Operation	-25°C to +70°C 0°C to +40°C



























■ Leica hand laser meter Disto D3



Technical Data	
Measuring accuracy typical	± 1.0 mm
Range	0.05 to 100 m
Power Range Technology	•
Distance in m	10, 50, 100 m
Ø Laser point in mm	6, 30, 60 mm
Minimum and maximum measu- rement	•
Continuous measurement	•
Addition/Subtraction	•
Multiple unplug function	•
Indirect measurement using Pythagoras	•
Horizontal distance using incline sensor	•
Incline sensor	
Measuring range	± 45°
Accuracy for laser beam Accuracy for housing	± 0,3° ± 0.3°
Units in the incline sensor	± 0,0°, 0,00%
Automatic tripping device	•
Automatic display/keypad illumi- nation	•
Measuring units	0.000 m, 0.000° m, 0.00 m, 0.00 ft, 0' 00''
weasuring units	1/32, 0.0 in, 0 1/32 in
Measurements per battery unit	up to 5,000
Multifunctional end piece	•
Tripod socket	•
Batteries	Type AAA 2x 1.5V
Splash water / dust protection IP54	•
Dimensions	125 x 45 x 24 mm
Weight incl. batteries	110 g

Item	Part No.	Dimensions mm	Weight g	Packing unit/pcs
Leica hand laser meter Disto D3	KLHLMD3	45 x 125 x 24	110	1

Standard tools

Carpenter's pencil

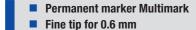
Characteristics

- oval shape
- pointed

Item	Part No.	Weight g	Packing unit/pcs
Carpenter's pencil	KL449	10	1



Permanent marker pen



Characteristics

Black

Item	Part No.	Weight g	Packing unit/pcs
Permanent marker pen	KL440F	10	1



Chalk for chalk line

Characteristics

■ 100 g bottle

Item	Part No.	Weight g	Packing unit/pcs
Chalk for chalk line, red	KL451R0T	100	1
Chalk for chalk line, blue	KL451BLAU	100	1



Chalk line

Suitable for:

■ The drawing of lines for cable installation

Characteristics

Cord: 15 m

Item	Part No.	Weight g	Packing unit/pcs
Chalk line	KL450	380	1









