



Rotation laser
HEDÜ R1 with
energy-saving switch
Page 6



Our dealer:

Hygrometer 2in1

for wood, construction materials and paper

» Advantages «

- Very fast measurement
- Direct announcement of the humidity in %
- Hold-button for storing the measured value if you cannot read the display during the measurement
- For all woods and construction materials suitably weight between 200 and 3000 kg/m³
-



» Technical data «

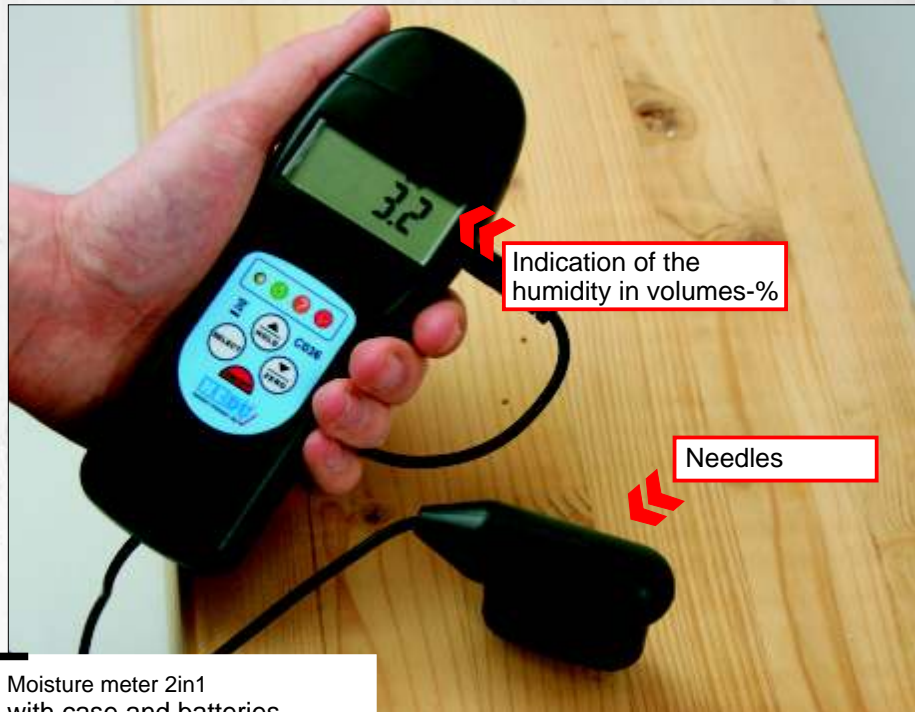
- Measuring range 0 to 80%
- Measuring depth in detector mode 5 cm
- Measuring depth in needle mode 1,2 cm
- Wood, construction materials and paper in search mode
- Wood in needle mode
- handling with 4 batteries 1,5V AAA
-

Measuring speed humidity

The C036 is perfectly appropriate to diagnose humidity differences in screed. Measurements are effected non-distructive and very fast. By using the search-mode non-distructive measurements can be accomplished. If the humidity result is to high, a destrutive measuring (CM-Method) is not necessary.

In case of high humidity differences that can exist inside a room, therefor is a non-distructive mesuring very important, to determine the criticle parts of the accurate research.

The number of the essential, complicated and time-consuming measurements, like the CM-Method, is reduced to the minimum.



Indication of the humidity in volumes-%

Needles

Moisture meter 2in1 with case and batteries
Art.-No. C036
Just € **199,-**

for wood and construction materials



detector mode: fairs without damage up to 5 cm depth

Hygrometer for wood

» Advantages «

- Very fast measurement
- Direct announcement of the humidity in %
- Non destrutive measurement
- Measuring depth 10 to 50 mm
-

Moisture meter for wood with case and battery
Art.-No. C034
Just € **169,-**



» Technical data «

- Measuring range 0 to 100%
- Measuring depth 10 to 50 mm
- Rotary switch for wood sort correction
- Operation with a 9V battery
-

Cross line laser HEDÜ M-I

- Horizontal line
- Vertical line
- Self levelling
- Laser receiver
- Tilt-mode
- Inclination mode
- Rotation adapter
- For inside
- For outside
- 100m working range
- Test certificate

Line laser HEDÜ M-I
with laser receiver, rotation adapter,
bag, batteries and test certificate
Art.-No. L231
Just € **249,-**

Simply turning the
laser line with the
rotation adapter

Crank tripod 0,75 to 2,86 m
Art.-No. 1085
Just € **99,-**

» Advantages of HEDÜ M-I «

- Lining the laser lines fastly by magnetically muffled pendulum
- Horizontal and vertical
- Self levelling range of 6°
- Laser lines separated switchable
- Delivery with test certificate for levelling precision
- Visible laser line to approx 10 m
- Laser receiver for 100 m working range
- Also in the outside usable
- Turning the laser line with the rotation adapter
- Manual inclination mode for the projection of inclined laser lines
- With 5/8" and 1/4" threads compatible to construction and phototripods
-



Laser receiver for
inside and outside

Technical data

Self levelling range :	± 6°
Working radius without receiver :	± 10 m
Working radius with receiver :	± 50 m
Laser class :	2M
Laserdiode :	2 × 635 nm, 1 mW
Accuracy :	3 mm/10 m
Wideness of the laser line at 5 m :	< 1,5 mm
Tilt-Mode :	yes
Working temperature :	-5°C à 50°C
Battery :	3 × AA
Working hours :	30
Tripod threads :	5/8" and 1/4"
Compatible to tripod type :	A, B, C, D, E, F
Levelling system :	magnetic dumper
Manual rotation :	yes, with rotation adapter
Guarantee :	one year

Laser plumb line

The magnet muffled stand stops the plumb line very fast and works substantially faster as every standard plumb line. Laser diode of 650 nm. Precision 1,6 mm/1 m. Delivery with bag and battery.



Laser plumb line
Art.-No. 1391
Just € **98,-**

Test certificate - Calibration certificate

For all HEDÜ line and rotary lasers we create a test certificate before distribution over the levelling accuracy. So that you know, which accuracy is effectively reached by your equipment.

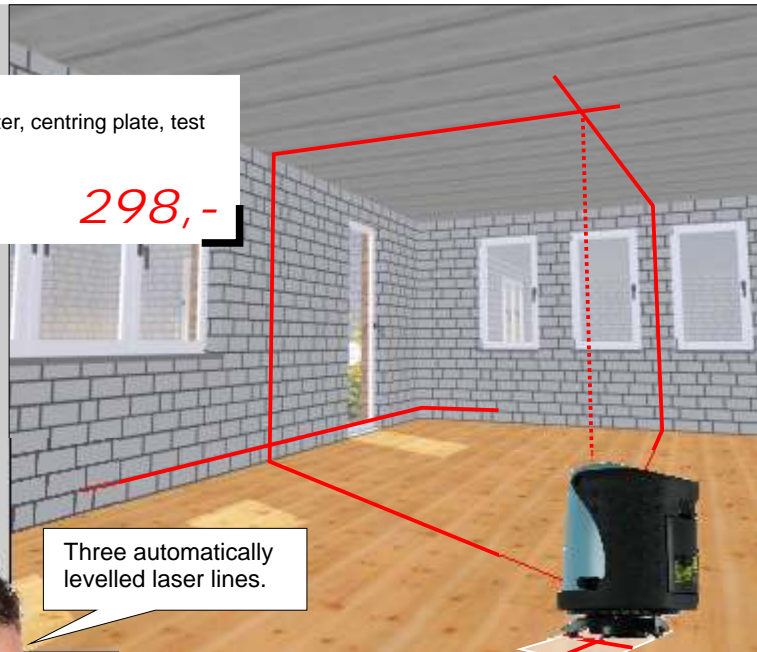
*** HEDÜ Measurement Report
Article No. / Typ R155 / HEDÜ R1 red beam
Serial No. 16913
Date of calibration 27.5.2008, 10:27:42
Accuracy X-Axis -0,30 mm / 10 m
Accuracy Y-Axis -0,60 mm / 10 m
Name of tester Marko Masurowski
end of measurement report***
Laser detector S/N 2508



Line laser HEDÜ M-IIS

Line laser HEDÜ M-IIS
with laser receiver, rotation adapter, centring plate, test
certificate, batteries and a bag
Art.-No. L238
Just €

298,-



Three automatically
levelled laser lines.

With the centring plate the M-IIS is able to position on
the ground perpendicularly. Cover and ground cross
stand then one above the other.

- ✓ **Automatic orientation** of the horizontal and vertical laser line by magnet muffled pendulum system.
- ✓ Laser lines **separated switchable**.
- ✓ **Great self levelling range** of 4,5°.
- ✓ For each M-IIS the horizontal levelling precision is examined electronically and certified in a **test certificate** before delivery.
- ✓ **Visible laser line** to approx. 10 m
- ✓ Laser receiver for **100 m working range**.
- ✓ **Turning the Line laser** with the rotary adapter.
- ✓ **Manual inclination mode** for the projection of sloping laser lines.
- ✓ **With 5/8 " and 1/4 " thread**, compatible to almost all tripods.
- ✓ **The centring plate** makes it easier to place the laser exactly on the ground when plumbing.



100 m working range

With the laser receiver the working range is increased to
100 m also in free and bright rooms.



Centring plate
to plumbing



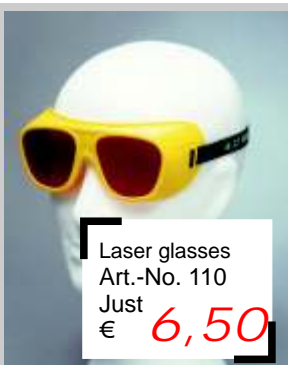
Laser receiver for
inside and outside

Technical data

Self levelling range	± 4,5°
Working radius without receiver	± 10 m
Working radius with receiver	± 50 m
Laser class	2M
Laser diode	3 x 635 nm, 1 mW
Accuracy	3 mm to 10 m
Accuracy of 90°-angle	1,5 mm to 3 mm
Wideness of the laser line at 5 m	< 1,5 mm
Tilt mode	yes
Working temperature	-5°C to 50°C
Batteries / working time	3 x AA / 30 hours
Tripod threads	5/8" to 1/4"
Levelling system	magnetic dumper
Manual rotation	yes with rotation adapter
Guarantee	one year

Laser glasses

By the special tinting of the synthetic glasses the laser beam is better visible. The laser glasses can be worn over correction glasses. The laser glasses are no safety glasses.



Laser glasses
Art.-No. 110
Just
€ 6,50

Target board

These magnetic target board stick to carriers of system ceilings. By the hue the laser beam is better recognizable. Usable with point, line or rotary lasers.



Target board for red
laser beam
Art.-No. 1200
Just € 6,90

Target board for green
laser beam
Art.-No. 1201
Just € 6,90

Multi line laser HEDÜ L3

- ◆ 4x vertical ◆ 1x horizontal ◆ Plumb bob point
- ◆ 433 Mhz remote control including

Multi line laser HEDÜ L3
Art.-No. L226
Just € **498,-**

Left/right turn by
433 MHz remote control
controllable

- ◆ Self levelling range 3° ◆ Accuracy 2 mm / 10 m ◆ 4 vertical laser line ◆ 1 horizontal laser line ◆ Plumb bob point ◆ Width of the laser line 1,5 mm ◆ Magnet muffled compensator ◆ Working radius without detector 10 m ◆ With optionally detector 50 m ◆ 5/8"-Stand thread ◆ Delivery with remote control, case and test certificate ◆

Recommended tripod: 0,75 to 2,86 m with 5/8"-
thread and passage for the plumb bob point
Art.-No. 1085 €99,00



Laser receiver



Laser receiver
for line laser
Art.-No. L240
Just € **98,-**

Laser receivers for use with line lasers which can be switched into a pulsed mode. These devices have usually a key which is marked with OUTDOOR or DETECTOR. The laser receiver is supplied with universal mounting plate to the attachment at measuring poles or wood slats.

3- and 5-point laser



3-Point laser
Art.-No. L202
Just € **145,-**

5-point laser
Art.-No. L204
Just € **295,-**

- ◆ Three or five well visibly laser points ◆ Self levelling range 5° ◆ Magnetically muffled self levelling ◆ Accuracy of horizontal laser points 2 mm / 10 m ◆ Vertical laser points 2 mm / 5 m ◆ Magnetic universal fixture ◆ 1/4"- and 5/8"-threads ◆ Delivery with a bag ◆

Rotary laser HEDÜ R1

Rotary laser HEDÜ R1
with charger, batteries, remote control,
laser receiver, case and inspection certificat
Art.-No. R155
Just € **529,-**

Levelling staff 5 m
Art.-No. S505
Just € **49,-**

- Horizontal
- Self levelling
- Accuracy 1 mm to 10 m
- 500 m working range
- Energy-saving switch
- Remote control
- Inclination and tilt mode

Levelling tripod 3,9 kg
Art.-No. 1050
Just € **49,-**



Energy-saving switch

The energy-saving switch displaces the R1 into a sleep mode. Laser diode and rotation are switched off. The levelling supervision remains active. This saves accumulator energy on the construction site and provides longer running times.



In the **Tilt mode** no automatic after-levelling is carried out after a concussion. This mode is recommended for bigger construction sites and offers a high degree of safety.



Your Hedü R1 is delivered completely with accumulator, battery charger, remote control, laser receiver with universal mounting, test certificate and suitcase.

The advantages of the HEDÜ R1:

- ✓ **Full automatic alignment** in a horizontal level by electronic servomotors.
- ✓ For each R1 the horizontal levelling precision is examined electronically and documented in a **test certificate** before delivery.
- ✓ In the manual **inclination mode** a descent can be laid out to 5°. The X and y-axis can be regulated by remote control.
- ✓ High performance laser receiver with a **working range up to 500m** contained in the delivery.
- ✓ **Energy-saving switch** sets the R1 into a rest condition. For longer battery capacities on the construction site.
- ✓ **360° reception area of the remote control** because of four receive modules in the head of the rotary laser.

Technical data for the rotation laser HEDÜ R1

Working radius with receiver	500 m
Laser class, laser diode	II, 635 nm, 1 mW
Point mode	yes, with remote control
Head protection	yes
Self levelling	horizontal
Accuracy horizontal	1 mm at 10 m
Self levelling range	5°
Inclination mode, manual	X-/Y-Axis with remote control
Wideness of the laser line at 5 m	4 mm
Tilt mode	yes
Energy-saving switch	yes, with remote control
Battery working hours with accumulator	20 hours
Rain and dust protection	yes, IP54
Rotation speed	0, 60, 120, 300, 600 U/min
Reception area of the remote control	20 m
Reception angle of the remote control	360° (4 receptors)
Tripod thread horizontal	5/8"
Working temperature	-20°C - +50°C
Weight	2,0 kg
Guarantee	one year

Laser receiver

(series at rotary lasers HEDÜ R1 and R2)

- For rotary laser
- Two sensitivenesses (rough and fine) for the reception optional
- Muting of the acoustic signal
- Additional display on the back
- Delivery with 9V-battery.
- With universal mount to the fastening to surveyor's wooden rods or wooden slats

Laser receiver for rotary laser
with red beam
Art.-No. 1131
Just € **109,-**

Rotary laser HEDÜ R2

With red or green laser beam



Rotary laser HEDÜ R2
starting from € **690,-**

Elevator tripod 0,75 to 2,86 m
Art.-No. 1085
Just € **99,-**

- ☑ Horizontal
- ☑ Vertical
- ☑ Self levelling
- ☑ Plumb line beam (2 fold)
- ☑ Tilt mode
- ☑ Inclination mode
- ☑ Line mode
- ☑ Remote control
- ☑ Laser receiver
- ☑ Accumulator
- ☑ Charger
- ☑ Test certificate



All you need in the HEDÜ R2:

- ✓ Full automatic alignment in a horizontal and vertical level
- ✓ Modes point, line and rotation.
- ✓ Manual rise and decline of the x and y axis via remote control up to 5° (inclination mode)
- ✓ High performance laser receptor for an **working range up to 500m**
- ✓ Two reference beams (coming off up and below) for plumbing and lining up the partition walls.
- ✓ 360° reception range of the remote control because of four receive modules in the head of the rotary laser.
- ✓ Tilt mode for big construction sites.
- ✓ All functions are steered by 9 buttons of the remote control.
- ✓ Rain protected case.
- ✓ Calibration certification

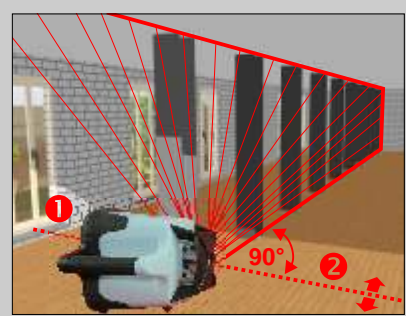
Red or green laser beam? Green laser lines are visible much better than red laser lines. A valuable plus for the interior work. However you mostly use a laser receiver, e.g. outside the R2 with the red laser is then the right choice.

HEDÜ R2 red laser beam
Art.-No. R171
Just € **690,-**

HEDÜ R2 green laser beam
Art.-No. R176
Just € **980,-**

Your R2 is delivered so completely:

Every HEDÜ R2 is delivered with charger, batteries, remote control, laser receiver, case and inspection certificat.



The vertical operation facilitate the two reference beams ① and ② lining partition walls up quite considerably. The installation angle can precisely be adjusted with the remote control.

Technical data for the rotation laser HEDÜ R2

R2 red laser beam; R2 green laser beam	
Working radius with detector	500 m
Laser class	II; 3R
Laser diode	635 nm, 1 mW; 532 nm, 1 m
Plumb line beam	yes, 2fold (up and below)
Point and laser mode	yes, with remote control
Head protection	yes
Self levelling	horizontal and vertical
Precision horizontal and vertical	1 mm at 10 m
Self levelling range	5°
Inclination mode, manual	X- und Y-Axis with remote control
Wideness of the laser line at 5 m	4 mm; 2 mm
Tilt alarm	yes
Battery working hours	20 hours; 15 hours
Rain and dust protection	yes, Ip54
Rotation speed	0, 60, 120, 300, 600 U/min.
Reception area of the remote control	20 m
Reception angle of the remote control	360° (4 receptors)
Tripod socket horizontal	5/8"
Working temperature	-20°C - +50°C; -5°C - +45°C
Guarantee	one year
Weight	2,0 kg

_ Tripods



Levelling tripod 0,97 to 1,60 m
Art.-No. 1050
Just € **49,-**

Elevator tripod 0,85 to 1,90 m
Art.-No. 1053
Just € **189,-**

Elevator tripod 1,11 to 2,36 m
Art.-No. 1055
Just € **189,-**

Angular adapter 5/8"
Art.-No. 1320
Just € **89,-**

Wall ceiling tripod with fastening for ceiling profiles or suitable for the screwing assembly on the wall. With 5/8" - thread.

Levelling tripod 3,9 kg with flat head and 5/8" -thread. Ideal for construction levelling and rotary laser in the outside.

Medium heavy elevator tripod 4,4 kg for rotary laser and also construction levelling.

Heavy elevator tripod 6,2 kg for rotary laser.

Angular adapter for mounting 5/8" - tripod. With 5/8" - thread for assimilation of an a rotary laser which is adjusted on a slant.



Wall/ceiling tripod
Art.-No. 1310
Just € **70,-**



The combi feet are suitable for the most different floor coverings. The rubber ball is unscrewed on the slippery grounds. For the rough grounds the tripod stands himself of metal tops. Tripods are therefore ideal in the completion of the interior, even on which ground. The tripods also can be used in the outside.

Sticking column 0,79 to 3,36 m
Art.-No. 1052
Just € **46,-**

Elevator tripod 0,75 to 2,86 m
Art.-No. 1085
Just € **99,-**

Elevator tripod 0,86 to 2,88 m
Art.-No. 1054
Just € **199,-**

Elevator tripod 0,85 to 3,02 m
Art.-No. 1056
Just € **358,-**

Elevator tripod 0,73 to 1,73 m
Art.-No. 1083
Just € **49,-**

combi feet

combi feet

combi feet

Light elevator tripod 1,2 kg with plastic feet and 5/8" - thread. Ideal for point and line lasers. With a transport bag.

Medium heavy elevator tripod 3,5 kg with combi feet and 5/8" - thread. Ideal for line and rotary laser. With a transport bag.
Passage of a plumb line point by the middle column!

Heavy elevator tripod 6,1 kg with combi feet and 5/8" - thread. Ideal for rotary laser.

Heavy elevator tripod 7,5 kg with combi feet and 5/8" - thread. Cross braces effort for a higher stability. Ideal for rotary laser.

Sticking column with stepless adjustable instrument platform between 0,22 and 3,32 m. The length of the sticking column is variable between 0,79 and 3,36 m. With 1/4" and 5/8" - thread.

1_Range-pole
9,50 €

2_ Levelling tripod
starting from 49,00 €



Automatic level
HEDÜ MA32
Art.-No. N108
Just € **169,-**

4_ Levelling staff
49,00 €

_ Automatic level_ Technical data _ Price

Manufacturer	HEDÜ	HEDÜ	Leica	Leica	Leica	Leica
Type	MA32	DS32	NA720	NA724	NA728	Na730
Extension	32x	32x	20x	24x	28x	30x
Circular partition	360°	400 gon	adjustable on the level degree or gon			
Shortest target distance	0,4 m	0,8 m	0,5 m	0,5 m	0,7 m	0,7 m
Standard deviation for 1km double levelling	± 1,0 mm	± 1,0 mm	± 2,5 mm	± 2,0 mm	± 1,5 mm	± 1,2 mm
Objective diameter	38 mm	40 mm	30 mm	36 mm	40 mm	40 mm
Compensator field of work	± 15'	± 15'	± 15'	± 15'	± 15"	± 15"
Precise work	± 0,5"	± 0,3"	± 0,5"	± 0,5"	± 0,3"	± 0,3"
Accuracy spirit level	8'/2mm	8'/2mm	10'/2mm	10'/2mm	10'/2mm	10'/2mm
Tripod thread	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Weight	1,7 kg	1,7 kg	1,6 kg	1,6 kg	1,7 kg	1,7 kg
Art.-No.	N108	N110	N720	N724	N728	N730
Price €	169,00	279,00	370,00	480,00	600,00	690,00



HEDÜ MA32



HEDÜ DS32



Leica NA700er Serie

1 Range-pole with weatherproof paintwork.
Length 2 m x Ø 28 mm. Weight 0,83 kg.

Art.-No. 1220 €9,50

3 Levelling staff 5 m from a high-quality aluminium profile. Front E dividing to levelling out and back mm dividing for measuring heights or breadths. With circular level and case. Length slid 1,22 m.

Art.-No. S505 €49,00

2 Aluminium levelling tripods with fast clamping and shoulder straps. Altering area 0,97 to 1,60 m. Transport length 1,09 m. 5/8" -thread.

With a traditional **flat head**, 3,9 kg.

Art.-No. 1050 €49,00

With **ball head**, faster attitude of levelling, 3,9 kg

Art.-No. 1049 €49,00

Extra **heavy execution** 5,1 kg with flat head

Art.-No. 1048 €78,00

Levelling without obstacles

nivcomp

Nivcomp - complete levelling system in a case
Art.-No. M455
Just € **589,-**

Digital height indication at the hand device in mm

Levelling „around the corner“ or „from room to room“



» Advantages «

- Horizontal working range 48 m ● Vertical working range 5 m ● Every height can be fixed as a zero reference
- Digital indication of the difference in altitude to the zero mm ● No further accessories like tripods, surveyor's wooden rods or laser receivers necessary ● Levelling without problems „around the corner“ or „from room to room“ ● Levelling on floor, wall or ceiling

» Technical data «

- Accuracy of levelling 2 mm / 1 to 48 m ● Working temperature 0 to +35°C ● Storage temperature -10 to 40°C (limit -30° to +55°C) ● Power supply 1 x AA battery ● Weight 5,5 kg

» Function «

The nivcomp consists of a compact hose drum with a crank that can be lowered and a high-strength special hose with a digital display at the hand device. The nivcomp is a closed, maintenance-free system and not compare with a hose spirit level. From long-standing experience with nivcomp we can say that damages practically do not happen at the hose.

The precise height measuring module contained in the hand device measures the differential pressure between hose drum and hand device. The difference in altitude to the stored zero standard is calculated and shown in the display. The operation confines on/off and the establishment of the zeropoint in the room by a simple keystroke.

1-man water level

This electronic water level enables you to measure entire floors all by yourself. The acoustic signal of the electronic indicates when the water level is reached. Two additional signals enable you to distinguish whether the water level is too high or too low. The acoustic signals make visual contact superfluous. You can even transfer measured values from room to room.

The instrument is quickly ready to operate; just fasten it to the wall with two nails. The 20 m hose can always remain filled with water. The accuracy is 2 mm on 20 metres.

1-man water level
Art.-No. M420
Just € **78,60**



Delivery in a case with 20 m hose and a 9V-battery



Electronic spirit level



Digital spirit level starting from € **79,-**

» Advantages «

- Every inclination can be selected and stored as 0°-reference (relativ 0°).
- Simple going back to absolute 0° without calibration.
- Measuring can be shown in degree or percent.
- After changing batteries the calibration program will be start automatically.
- Keeping the displayed result by pushing the hold button.
- Resolution 0,1° or 0,1%
- 360°-Measuring range
- Delivery with bag and batteries.



Also available with point laser

» Technical data «

- Accuracy 0,1°
- Length 60 cm
- 6 cm (H) x 2,5 cm (L)
- Weight 700 g
- 2 x AAA batteries
- ressolution 0,1° and/or 0,1%
- 360°-measuring range
- Turn able display for working "over head"

» Prices «

Digital spirit level 60 cm
Art.-No. M540 €79,00

Digital spirit level 60 cm with point laser
Art.-No. M543 €99,00

Aluminium spirit levels



- 5 years warranty on the bubble level
- Strong aluminum profile
- Bubble level and profile are shock resistant
- Accuracy in standard position: 0.5mm/m = 0.029° checked electronically



- with magnet

Aluminium spirit levels without magnet

Length	Art.-No.	Euro
30 cm	20030	8,10
40 cm	20040	8,60
50 cm	20050	9,70
60 cm	20060	9,80
80 cm	20080	10,50
100 cm	20100	12,90
120 cm	20120	17,00
150 cm	21150	21,40
180 cm	21180	25,10
200 cm	21200	27,00

Aluminium spirit levels with magnet

Length	Art.-No.	Euro
30 cm	22030	22,80
40 cm	22040	25,80
50 cm	22050	27,80
60 cm	22060	28,40
80 cm	22080	30,40
100 cm	22100	31,70
120 cm	22120	38,10
150 cm	22150	43,60
180 cm	22180	45,10
200 cm	22200	52,80

Automatic inclinometer

Art.-No. M521
Just € **7,90**



Automatic display of the measured inclination angle. Size of case 120x120mm display 100mmØ, and 1° scale.



Corner line for pipes, and straight line with magnet.

Level Box

The super compact electronic inclinometer.



Level Box
Art.-No. M523
Just € **49,-**

With the level box can be measured e.g. the relative inclination of a saw blade to the machine table or the absolute inclination to the horizontal line.

- Measuring range 180°.
- Absolute and relative measuring
- Resolution and measuring precision 0,1°.
- Super compact only 5,1 x 6,4 x 3,3 cm.
- Strong magnets on the floor side.

Leica DISTO™



Every Leica Disto has a mobile endpiece for measuring from corners, chases or edges. The intelligent electronic recognizes and takes into account the position of the endpiece at the measuring automatically.



Leica Disto starting from € **169,-**

» Leica Disto Advantages «

- ◆ Indirect altimetry with Pythagoras. ◆ Multifunctional endpiece. ◆ Safety class IP54. ◆ Range and volume calculation. ◆ Addition ◆ Subtraction ◆ Permanent measure ◆ Storage of the last 10 measurements. ◆ Illuminated display. ◆ Self-timer ◆ 3 years guarantee at registration. ◆



Inclination sensor Disto D3 and A8



All Disto with Pythagoras



Viewfinder with camera Disto A8

With the inclination sensor an inclination can be found out to 45°. In addition, it makes an absolute horizontal measuring possible.

Indirect altimetry e.g. for the determination of a façade height.

The built-in camera shows the target field in the display. An optimal target acquisition is possible over the displayed target cross.

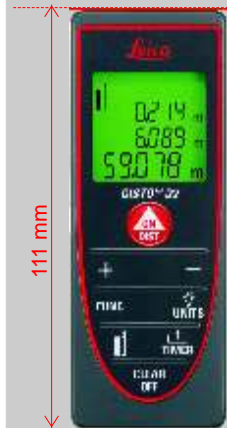
D2 5 cm to 60m
Accuracy 1,5 mm

D3 5 cm to 100m
Accuracy 1,0 mm

A5 5 cm to 200m
Accuracy 1,5 mm

A6 5 cm to 200m
Accuracy 1,5 mm

A8 5 cm to 200m
Accuracy 1,5 mm



Leica Disto D2
The smallest Disto. With range and volume calculation as well as Pythagoras.

Leica Disto D3
The latest Disto with inclination sensor and 1/4" thread.

Leica Disto A5
Ideal for the outside range with telescopic view-finder and 1/4" thread.

Leica Disto A6
Identically to Disto A5 but in addition with bluetooth and software.

Leica Disto A8
Identically to A5 but in addition with inclination sensor and camera viewfinder.

Incl. bag and batteries
Art.-No. E855 €169,00

Incl. bag, battery chart, batteries
Art.-No. E854 €329,00

Incl. bag and batteries
Art.-No. E839 €399,00

Incl. software, bag and batteries
Art.-No. E852 €599,00

Incl. bag and batteries
Art.-No. E853 €899,00

Thickness gauges



◆ Measuring range and bow depth 50 mm ◆ Ø-plate 30 mm ◆ Reading 0,1 mm ◆

Indications of 10 steps by engraving on the measuring pin Indications of 10 steps by turn clock

Art.-No. S361 €98,00

Art.-No. S351 €159,00

Hebor H50

Hebor H50
Art.-No. 1400
€ **239,-**



◆ For adjusting fastly milling machines, moulding machines ◆ Reading the measures continuously and directly ◆ Adjusting is carried out fastly at the machine standing still ◆ No sample milling necessary ◆ The danger of injury is reduced ◆ Big scale with 0,2 mm reading accuracy ◆ Scale with justification ◆ Recommended by BG Wood ◆ Measuring range 0 to 50 mm. ◆ Case made of synthetic material ◆ Mechanics made of metal ◆

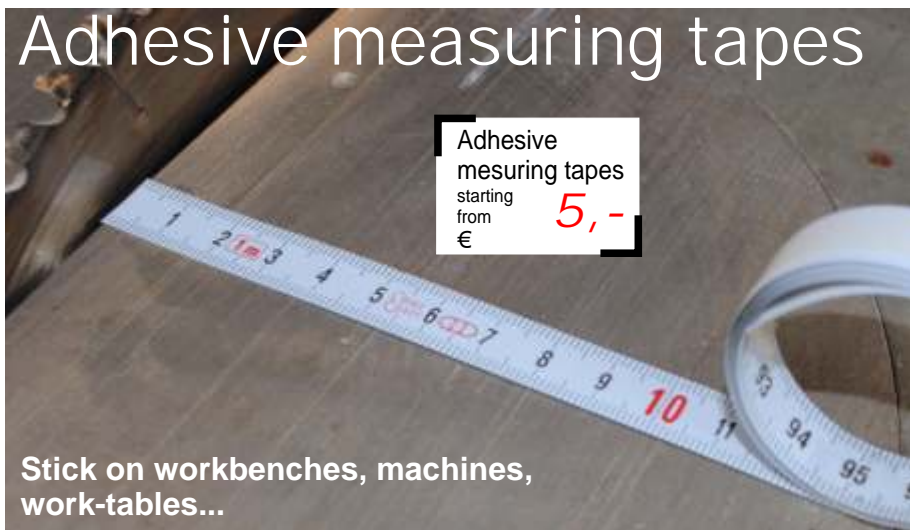


Fairs of the front blade



Fairs of the lower blade

Adhesive measuring tapes



Adhesive measuring tapes starting from € **5,-**

Stick on workbenches, machines, work-tables...

» Advantages «

◆ Ideal for retrofitting millimetre scales ◆ Simply removing the protection stripe and sticking the tape measure directly ◆ Sticking on almost all surfaces like synthetic material, metal or wood ◆ For cutting tables, workbenches, machines and much more ◆ Shorten with scissors on the desired length ◆ Accuracy corresponds EC class ◆



A with scale from left to right

Length	Wide	Surface	Illustration	Art.-No.	Euro
1 m	13 mm	white lacquered	1	X110	5,00
2 m	13 mm	white lacquered	1	X120	8,00
5 m	13 mm	white lacquered	1	X150	12,00
10 m	13 mm	white lacquered	1	X190	40,00
20 m	13 mm	yellow, polyamide jacket	4	X192	82,00

B with scale form right to left

1 m	13 mm	white lacquered	2	X111	8,00
2 m	13 mm	white lacquered	2	X121	13,00
3 m	16 mm	white lacquered	3	X131	8,00
5 m	13 mm	white lacquered	2	X151	23,00
10 m	13 mm	white lacquered	2	X191	49,00



Steel measuring stick starting from € **1,-**

Steel measuring stick

◆ Scaling on front and back ◆ Upper edge with millimetre division ◆ Lower edge with 1/2 millimetre division ◆ Nonabrasive, etched scaling ◆ Numbers and partition lines are deep black and readable well ◆

Scale	Dimension	Weight	Tolerance	Art.-No.	Price
150 mm	170 x 14,7 x 0,6 mm	15 g	0,05 mm	B101	1,00 €
200 mm	226 x 20 x 0,6 mm	35 g	0,07 mm	B102	1,50 €
300 mm	334 x 23,7 x 1 mm	65 g	0,09 mm	B103	2,00 €
400 mm	427 x 23,7 x 1 mm	85 g	0,11 mm	B104	2,50 €
500 mm	534 x 28,5 x 1,2 mm	145 g	0,13 mm	B105	3,50 €
600 mm	638 x 28,5 x 1,2 mm	175 g	0,15 mm	B106	4,00 €
1.000 mm	1043 x 35 x 1,2 mm	355 g	0,23 mm	B110	7,50 €
1.500 mm	1568 x 39 x 2 mm	966 g	0,24 mm	B115	37,00 €
2.000 mm	2068 x 39 x 2 mm	1300 g	0,25 mm	B120	49,00 €

Hand piece counter



Hand piece counter
Art.-No. E001
Just € **6,-**

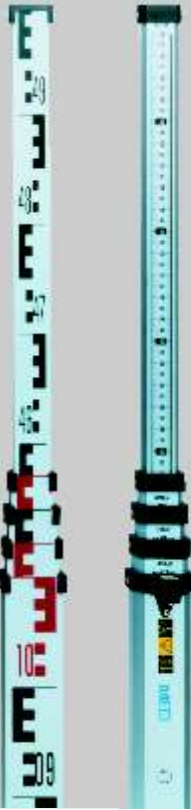
Counter 0-9999 ♦ Metal case ♦ Retaining ring ♦ count of person ♦ count of stock-taking ♦ count of traffic ♦



Telescopic levelling staff 5 m

Art.-No. S505
Just € **49,-**

These telescopic staff are made of high-quality aluminium profile. As front and reverse side are printed differently, these rods are suitable for levelling surveys (front) or for measuring ceiling heights, for example (reverse side). The snap-in mechanism enables the individual elements to be safely clicked into place. The levelling rod is delivered with a circular level and a case. Length slid of 1.22 m.



With box level and case

Sonic Tape

Art.-No. E816
Just € **19,80**

Just target with a laser dot and measure with ultrasound. The accuracy of the measurement is 99.5%. That corresponds a tolerance of 5 mm per metre. A 9V battery is required.

Measuring range 0,5 to 15 m ♦ Switch Inch/ mm ♦ Single and long time measurement ♦ Addition ♦ Subtraction ♦ Multiplication ♦ High quality design ♦



Wall measuring caliper



For exact measurement of wall thickness by encompassing the door.

By encompassing the door case you can easily measure the thickness of a wall. The measuring rail is silver anodized and provided with a millimetre scale on both sides. The wall measuring caliper is 60 cm long and has a measurement range of 50 cm.

Wall measuring caliper
Art.-No. S300
Just € **129,-**

Telescopic measuring staff starting from € **129,-**



Telescopic measuring staff

Just put it in position, extend it and read the dimension. That's how simple measuring horizontal or vertical distances can be. This telescopic measuring staff is available in eight different extension lengths from 1 to 8 m. The integrated metal measuring tape and the oversized winder withstand even extreme conditions of use and guarantee precise measuring results at all times. The view window is positioned at the bottom for the models from 1 to 5 m, whilst it is at eye level for the 8 m measuring rod. Shutter fitters can take the 3 m rod with feeler.

Length pushed together	Length pulled out	Art.-No.	Euro
0,32 m	1,00 m	S401	129,00
0,53 m	2,00 m	S402	135,00
0,70 m	3,00 m	S403	139,00
0,86 m	4,00 m	S404	149,00
1,07 m	5,00 m	S405	169,00
1,53 m	8,00 m	S408	269,00
with feeler for shutter fitters:			
0,80 m	3,10 m	S413	149,00



Measuring tape up to 100 m

» Advantages «

- ◆ Continuous mm-dividing ◆ Anodized aluminium frame
- ◆ Marking with high-quality sealing ◆ Made in Germany

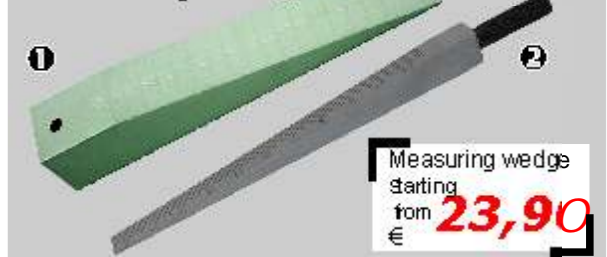


Length	Accuracy class	Art.-No.	Euro
30 m	II ($\pm 6,3$ mm at 30 m)	X303	30,00
50 m	II ($\pm 10,3$ mm at 50 m)	X305	39,00
100 m	II ($\pm 20,3$ mm at 100 m)	X310	89,00



Length	Accuracy class	Art.-No.	Euro
30 m	II ($\pm 6,3$ mm at 30 m)	X403	38,00
50 m	II ($\pm 10,3$ mm at 50 m)	X405	48,00
30 m	I ($\pm 3,1$ mm at 30 m)	X503	50,00
50 m	I ($\pm 5,1$ mm at 50 m)	X505	66,00

Measuring wedge

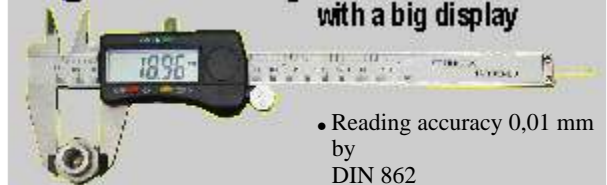


① The measuring wedge is made of aluminium, with graduation from 1 to 20 mm engraved on the surface. Length 121 mm.

② Measuring wedge with 0.1mm steps, scale from 0,5mm to 11mm. Length without handle is 130mm.

Digital caliper

with a big display



Article	Art.-No.	Price
150 mm	A402	28,00 €
300 mm	A405	79,00 €
500 mm	A406	198,00 €
1000 mm	A407	449,00 €

- Reading accuracy 0,01 mm by DIN 862
- Switchable between INCH and MM
- Depth measure and interior measure
- Zero on every position
- Transportation case

Measuring wheel



Art.-No. E802
Just € 69,-

Art.-No. E800
Just € 119,-

- Measuring range up to 9.999,9 m
- Weight only 1,6 kg
- Large wheel diameter: 318,5 mm
- Pistol handle with integrated stop-button.
- Counter with zero position
- Practical handle
- Delivery with a transport bag
- Folded transport size only 49 cm



- Made of high-quality plastic
- Measuring range up to 9.999,9 m
- Weight only 1,9 kg
- Large wheel diameter: 318,5 mm
- Pistol handle with integrated stop-button.
- Counter with zero position
- Counter driven by non-slip toothed belt.
- Low rolling resistance due to maintenance-free ball bearing.
- Practical handle
- Folded transport size only 49 cm

Talmeter & Talstabil

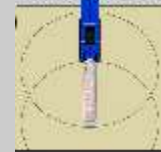
The practical measuring tapes from Sweden



With a practical measuring tongue for inside measuring.



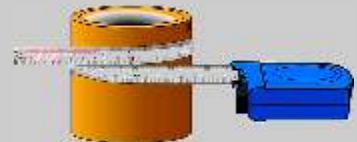
Measuring edge for outside measurements



As circle



Talstabil with an extra broad (25 mm) measuring tape.



Talmeter with special scale for reading the diameter directly.

Talmeter starting from € 15,90

Article	Length	Breadth	Art.-No.	Price
Talmeter TM2	2 m	16 mm	X730	15,90 €
Talmeter TM3	3 m	16 mm	X731	18,20 €
Talstabil TMS3	3 m	25 mm	X732	24,50 €
Talstabil TSM6	6 m	25 mm	X733	37,95 €
Reserve tabe for TM2	2 m	16 mm	X734	7,50 €
Reserve tabe for TM3	3 m	16 mm	X735	8,60 €
Reserve tabe for TMS3	3 m	25 mm	X736	10,70 €
Reserve tabe for TMS6	6 m	25 mm	X737	16,95 €
Reserve measuring tongue			X738	1,90 €

Winkelprofi®

4 in 1: angle gauge, marking tool, spirit level and bevel



Winkelprofi® for every angle measure

- ◆ Winkelprofi 75 cm
- ◆ Measuring leg 32 cm
- ◆ Extendable to 78 cm
- ◆ Inner angle measure and outer angle measure
- ◆ With practical put-on spirit level
- ◆ With two extensions
- ◆ With case
- ◆ Two scales: 0° to 165° and 15° to 180°



Measure angles



Winkelprofi® with accessories
Art.-No. W455
Just €

59,50

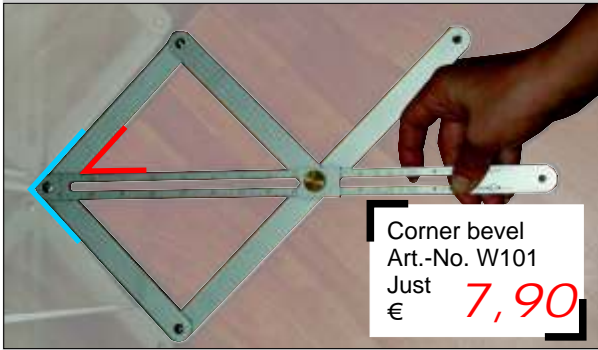
Mitre marking out



Angle read here 129°



Corner bevel



Corner bevel
Art.-No. W101
Just € **7,90**



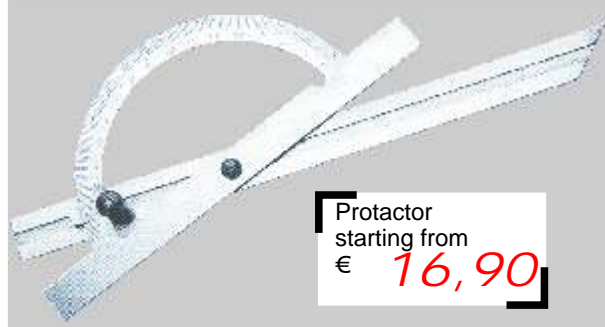
Measure of an outer corner



Measure of the **inner corner** (blue), and this angle will be **halved** (red).

A handy measuring instrument for measuring from inside - and exterior angles. At the measuring of interior angles these are halved automatically. In most cases the machine can be adjusted directly to the mitre square so or the workpiece can be marked out with the mitre square. The bevel is only 44 cm long and made of strong aluminium. The scale is from 0° to 40° in 5° steps; and between 40° to 170° in 2° steps.

Protactor



Protactor starting from € **16,90**

- ◆ Protactor with an adjustable fence
- ◆ Measure range 10 - 170°
- ◆ Dull chromium plated steel
- ◆ Well readable etched scaling

Size (blade x blow)	Art.-No.	Euro
150 x 100 mm	W815	16,90
300 x 150 mm	W830	22,90
400 x 200 mm	W840	30,00
500 x 250 mm	W850	48,00
600 x 300 mm	W860	58,00

Dovetail bevel



Dovetail bevel
Art.-No. S200
Just € **15,90**

The adjustable dovetail bevel makes exact scribing of dovetails an easy task. The blade has an inclination of 1:8 and is adjustable in breadth from 6 to 40 mm. This stainless steel dovetail bevel is especially suitable for scribing on slopes or for funnels and ornamental dovetails. A practical aid for restorers, trainees and friends of classical corner joints.

Protactor



Protactor just € **11,90**

- ◆ Protactor with measure range 0 - 180°
- ◆ Dull chromium plated steel
- ◆ Well readable etched scaling

Size (blade x blow)	Art.-No.	Euro
120 x 80 mm	W912	11,90
150 x 120 mm	W915	13,90
200 x 150 mm	W920	18,80
300 x 200 mm	W930	25,00
500 x 250 mm	W950	43,00
600 x 300 mm	W960	53,00

Digital angle gauge >>Easy<<

Angle measure with digital accuracy



Digital angle gauge
Easy
Art.-No. D101
Just € **128,-**

Measuring range 200°
to 0,1° Resolution.

Performance

- The zero state of the display can be set in every position. By this you are able to make absolute and relative measures.
- Advice of angle and opposite angle.
- 'Hold'-button to stop the measure result.
- Horizontal and vertical spirit level

Digital angle gauge >>Easy<<
completely with protection cover and 2 batteries

The robust and accurate angle measure instrument for your building site. Equipped with useful functions like "hold" for storing data or angle and opposite angle.

Technical data

Blade length	400 mm
Measure area	0° to 200°
Accuracy	0,2°
Resolution	0,1°
Working hours	about 200 hours
Batteries	2 x 1,5V AA
Automatic switch off	after 5 minutes (can be deactivated)
Weight	0,65 kg

Digital angle gauge D104

The compact one with 0,1° measuring precision!

Performance features that convince.

- ✓ Resolution 0,05°
- ✓ Accuracy 0,1°.
- ✓ Absolute- and relative measuring
- ✓ Measuring range 360°.
- ✓ 250 mm blade length
- ✓ Hold button
- ✓ Locking knob



Digital angle gauge
Art.-No. D104
Just € **59,-**



Analog angle gauge



Analog angle gauge
Art.-No. D102
Just € **29,-**

- ◆ Measure area 0 to 180°
- ◆ Analog display by an rotation clock
- ◆ Resolution 1°
- ◆ Length 48 cm
- ◆ Horizontal spirit level
- ◆ Vertical spirit

Digital angle gauge XL



- Zero level is stored
- Horizontal and vertical spirit level

startin from € **168,-**

Technical data:

Measure range	Blade length	Art.-No.	Euro
0° to 185°	50 cm	D110	168,00
Accuracy 0,2°	75 cm	D117	195,00
Resolution 0,1°	100 cm	D120	224,00

Battery 9V-Block

Bevels

starting from € **11,90**



Varnished beechwood bevel with slotted hole in the blade

Length	Art.-No.	Euro
30 cm	A831	11,90
50 cm	A851	12,90
60 cm	A861	14,50

Bevel made of zinc-dipped steel

Length	Art.-No.	Euro
20 cm	T720	13,00
25 cm	T725	18,00
30 cm	T730	20,00
40 cm	T740	24,00
50 cm	T750	31,00

Digital angle gauge D103



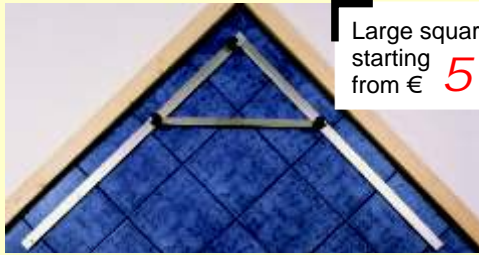
Digital angle gauge
Art.-No. D103
Just € **59,-**

- ◆ Extra big numerical display with 21 mm number height
- ◆ Measure area 0 to 185°
- ◆ 250 mm side length
- ◆ Hold - key for holding a measurement
- ◆ Resolution 0,1°
- ◆ Accuracy 0,5°

Large square up to 1,95 m

The perfect angle for quality check on the construction place. Easy to transport by his folding system.

Avoid mistakes in your job by using the large square. It is easy to transport and usable on every construction place. This new very robust precision square (8 mm aluminium profile!) is available with three arm lengths (100 / 150 / 195 cm) so that practically every situation can be handled. What's more, the and 90° marks ensure that



The square can be folded and locked for transport...

Dimension	Art.-No.	Euro
100 cm	G210	59,00
150 cm	G215	69,00
195 cm	G220	98,00

Large square starting from € **59,-**



... for 45° or 90°.

the angle settings are always correct. It also is a reliable (and precise) basis for tightening strings over a longer distance.



Joiner's Set

- ◆ Walnut-stock with brass fitting
- ◆ Blades are made of stainless steel

- ◆ Joiner angle 300 mm
- ◆ Mitre square 300 mm
- ◆ Bevel 300 mm



Joiner's Set 1+2+3
Art.-No. A031
Just € **43,80**

1 Joiner angle 300 mm ◆ Walnut stock ◆ Brass fitting ◆ Tongue made of high-grade steel stainless with millimetre scale
Art.-No. A030 €23,00

2 Mitre square 300 mm ◆ Walnut stock ◆ Brass fitting ◆ Blades are made of stainless steel
Art.-No. A330 €17,60

3 Bevel ◆ Walnut stock ◆ Brass fitting ◆ Blades are made of stainless steel
Art.-No. A230 €16,50

Alu-square

- ◆ With 45° mitre cut
- ◆ etched deep black millimetre scale
- ◆ Tongue made of hardened steel
- ◆ Aluminium stock



Art.-No.	Length	Weight	Euro
B015	150 mm	175 g	7,00
B020	200 mm	195 g	8,00
B025	250 mm	221 g	8,80
B030	300 mm	241 g	10,00
B040	400 mm	345 g	12,00

Laser square

Produces two laser lines which are in a 90° angle. This is a marking support on the floor. Accuracy 1.5 mm on 5 m. Measure area up to 20 m depend on the brightness.



Laser square
Art.-No. A701
Just € **149,-**

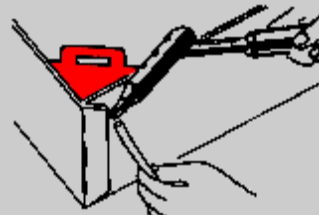
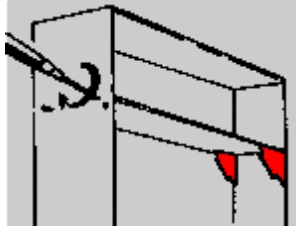
Magnet holder in three sizes



Magnet holder
starting from
€ **6,60**



Dimension	Weight	Art.-No.	Euro
12,0 x 8,2 x 1,4 cm	0,3 kg	M120	6,60
15,8 x 10,2 x 1,8 cm	0,6 kg	M122	13,00
20,0 x 12,8 x 2,1 cm	1,1 kg	M124	22,00



Mason's square
starting from
€ **4,00**

Mason's square

Made of galvanized steel

Dimension	Art.-No.	Euro
100 x 70 mm	40010	4,00
150 x 100 mm	40015	4,60
200 x 130 mm	40020	5,60
300 x 175 mm	40030	8,00
500 x 220 mm	40050	11,00
750 x 375 mm	40075	17,80
1000x500mm	40100	21,80



Try square
starting from
€ **6,50**

Try square

Made of galvanized steel

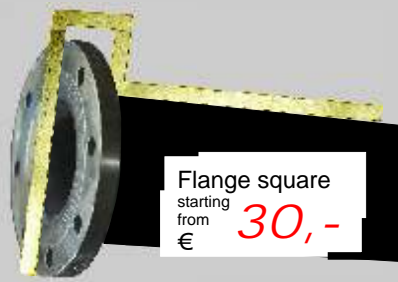
Dimension	Art.-No.	Euro
100 x 70 mm	41010	6,50
150 x 100 mm	41015	7,50
200 x 130 mm	41020	9,20
300 x 175 mm	41030	12,80
500 x 220 mm	41050	23,00
750 x 375 mm	41075	33,00
1000x500mm	41100	49,10



Flange square

Precise angles made of galvanized steel with cross section of 30 x 6 mm.

Dimension	Flange width	Art.-No.	Euro
400 x 400 mm	125 x 70 mm	A604	30,00
500 x 500 mm	125 x 70 mm	A605	39,00
800 x 500 mm	125 x 100 mm	A608	59,00



Flange square
starting from
€ **30,-**

Carpenter square

All squares are made of stainless steel; accuracy of the right angle 0.005 mm per cm blade length.

Yellow carpenter square

Dimension mm	Scale	scribing perforation	Art.-No.	Euro
800 x 320 mm	A	X	Y082	14,30
800 x 320 mm	B	X	Y084	14,30

Stainless steel, spot-welded

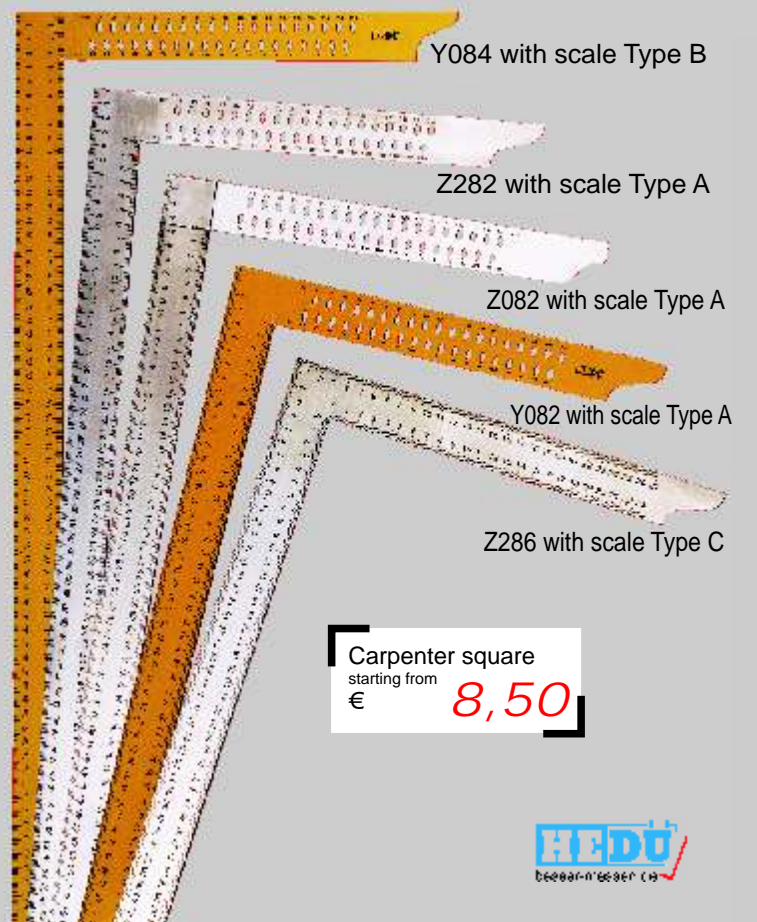
600 x 280 mm	-	-	Z060	8,50
800 x 320 mm	-	-	Z080	10,30
1000 x 380 mm	-	-	Z100	11,95
600 x 280 mm	A	X	Z062	14,00
800 x 320 mm	A	X	Z082	16,10
1000 x 380 mm	A	X	Z102	17,60

Stainless steel, seamless

700 x 300 mm	-	-	Z270	14,80
800 x 320 mm	-	-	Z280	15,50
1000 x 380 mm	-	-	Z300	17,20
600 x 280 mm	A	X	Z262	17,60
800 x 320 mm	A	X	Z282	19,30
800 x 320 mm	B	X	Z284	19,30
800 x 320 mm	C	-	Z286	20,60
1000 x 380 mm	B	X	Z304	21,10

Zinc-dipped steel, tapered from 3.0 to 1.6 mm

700 x 300 mm	-	X	Z471	33,00
800 x 320 mm	-	X	Z481	36,00
1000 x 380 mm	-	X	Z501	44,00



Carpenter square
starting from
€ **8,50**



Scribing tool Alpha

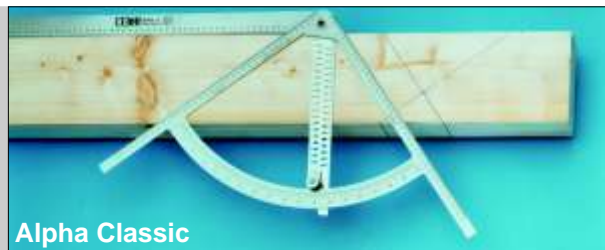


Scribing tool Alpha
starting from
€ **48,-**

The fastest marking-out method is with the scribing tool alpha. It can be used at all ways and approved both leg marking-out has itself in a thousand ways of failure, burr rafters and even stairs and at the marking-out of simple and double paw-nings. Bevels and similar aids are not needed any more. All alpha angles are made of stainless high-grade steel with durably etched scales and three years guarantee.

Scribing tool alpha Classic in the set with high quality bevel of beech, 500 mm slit tongue and a top carpenter angle made of stainless high-grade steel (spring steel) with marking-out holes and millimetre scale on the two sides of the long leg, 800 x 320 mm.

Art.-No. M900d €84,90



Alpha Classic

430 x 795 mm ♦ Stainless steel ♦ All straight routes of steel ♦ Millimetre scale on the scales and lace rip ♦ Durably etched scaling
Art.-No. M900 €72,50



Alpha Micro

210 x 455 mm ♦ Stainless steel ♦ Millimetre scale on the scales and lace rip ♦ Durably etched scaling

Art.-No. M908 €48,00

350 x 700 mm ♦ Stainless steel ♦ Durably etched scaling

Art.-No. M910 €59,00



Alpha Mini



Alpha Maxi

480 x 900 mm ♦ Stainless steel ♦ 1/4°-Division ♦ Millimetre scale on the scales and lace rip ♦ Durably etched scaling ♦ Big star knob

Art.-No. M920 €82,50

Degree bevel



big clamp lever

Second support is foldable

Degree bevel
Art.-No. T600
Just € **139,-**

This 69 cm great and 3 kg heavy degree bevel is processed incredibly robustly. The measurement range of the scale of degrees reaches of 0 to 165° with a dividing distance from 0,5°. A half is also well readable degree because the distance between the grading lines after all amounts to almost 1 mm. The measuring leg is stretched by the great release tractor.

Slat sting measure



Slat sting measure 400 mm made of aluminium for transferring tilling battens exactly. With scale division 150 to 400 mm.

Art.-No. B400 €14,00

Stairs scribing tool



Stairs scribing tool
starting from
€ **279,-**

Ideal for the marking-out of cheeks for coiled stairs. You can stably connect the angles with each other with the screw shackles. You can adjust the ramp rate and step breadth at every angle. You need neither a paper stencil nor an angle board. Put the adjusted marking-out device on the raw cheek, you recognize the form of the cheek in the rough state and the cheek swing. By moving to the angles on the raw cheek you achieve the best possible usage of the cheek wood regarding branches and rips. The angles have both side millimetre scale. Locks and angles are stainless made of high-quality high-grade steel.

Packet contents

Basic packet with 5 locks, 6 angles
Basic packet with 7 locks, 8 angles
Addition packet with 3 locks, 3 angles

Art.-No.	Euro
T100	279,00
T110	379,00
T200	159,00

Insulant gauge



The insulant gauge does not need to be stopped for repeating slice newly. This brings a considerable time saving when cutting insulants.

» Advantages «

- Considerable gain in time when cutting insulants
- In breadth and length adjustable
- Stable leadership of the knife when cutting
- So stable that you kneel on the insulant teaching when cutting
- Repeating slice with an adjusting

» Technical data «

- Insulant breadth 74 to 123 cm
- Cutting 30 to 110 cm
- Aluminium
- 4,8 kg weight net



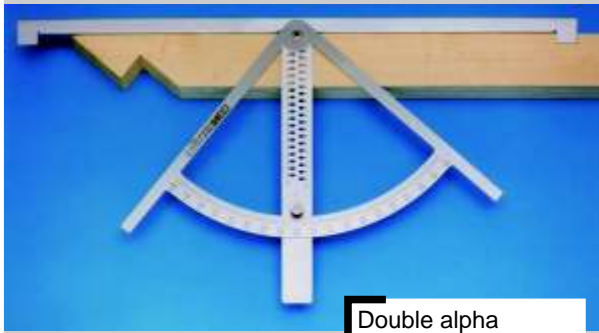
The cutting of the insulants is simple and very fast.

Hans-Peter Esser

Insulant gauge
Art.-No. D200
Just € **98,-**

Stable guide of the knife

Double alpha



Reach for 80 cm stop edge and double, countermoving

Double alpha
Art.-No. M710
Just € **72,80**

The quadrant put together centrally and the large 800 mm long stroke is the special one at this marking-out device. The degree arch is etchedly with two contrary scales of degrees with 1/2° - dividing distance. The device is complete made of stainless high-grade steel. With marking-out holes in the jib. This should not an ideal laying-out tool be missing in any workshop.

Marking out of "wrong mitre":



Mark the breadth of the thin strip at the broad strip



Put the strip spreads device on this one and adjust it to the angle at the marking. Mark the mitre square at the strip.



With the same adjusting you can draw the opposite angle at the thin strip now.

Circles



Circle starting from € **16,-**

Precision circles made of forged steel with hardened tops.

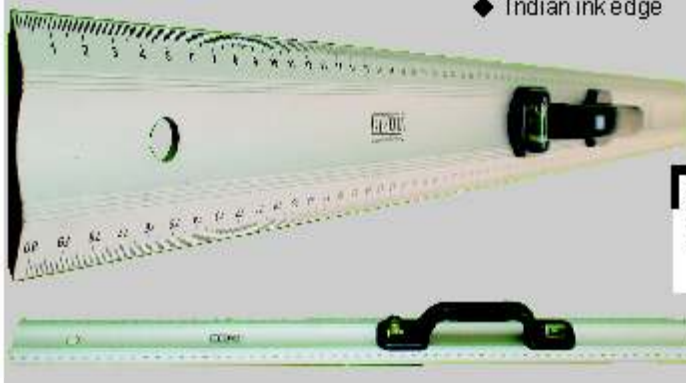
With port crayon

Length	Art.-No.	Euro
300 mm	B603	19,00
500 mm	B605	36,00

Without port crayon

Length	Art.-No.	Euro
300 mm	B613	16,00
500 mm	B615	31,00

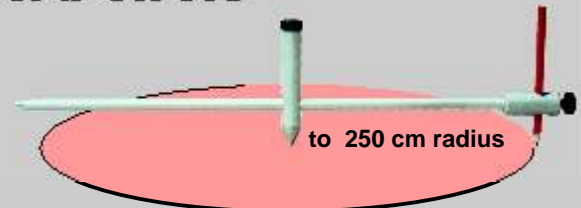
Alu-ruler



- ◆ 80 cm
- ◆ Millimetre scale at the two edges
- ◆ Horizontal and vertical level
- ◆ Big knob
- ◆ Indian ink edge

Alu-ruler 80 cm
Art.-No. T620
Just € **8,-**

Rod circle



to 250 cm radius

Made of anodized aluminium. Extendable until 2,5 m radius. Suitable for many uses like pencil, carpenter's pencil, breaking needle, breaking knives, highlighter and felt-tip.

Article	Art.-No.	Euro
Rod circle 50 cm	B205	36,00
Prolongation 1 m	B206	10,00

Positioning laser

Positioning laser starting from € **99,-**

The line laser marks the later intersection line or can be used by construction elements in the industrial production to the positioning of construction devices.



L340 / L342



L300 / L305



L310 und L315 with focusable optics



Ball-and-socket joint mount (left) at L340 and L342. Ball-and-socket joint mount (right) at L300 and L305.

Art.-No.	Line length	At distance	Line breadth	Performance	Laser	Lifetime	Energy source	Mount	Euro
L340	1 m	0,4 m	1 mm	3 mW	red	50.000 h ¹	1,5V AA battery	ball joint ²	99,00
L342	2 - 3 m	1,0 m	1 mm	5 mW	red	50.000 h ¹	1,5 V AA battery	ball joint ²	159,00
L300	1 m	0,5 m	1 mm	3 mW	red	80.000 h ¹	power supply	tipping over mount	249,00
L305	2 - 3 m	1,0 m	1 mm	5 mW	red	80.000 h ¹	power supply	tipping over mount	299,00
L310	3 - 5 m	2,0 m	2 mm	10 mW	red	50.000 h ³	power cord ⁴	joint mount	459,00
L315	11 - 10 m	3,0 m	2 mm	40 mW	red	30.000 h ³	power cord ⁴	joint mount	629,00

1/At 23°C. 2/For an extra charge a tipping over mount also can be delivered instead of the ball-and-socket joint mount. 3/A cooling system stabilizes the temperature to 23°C 4/The power supply is integrated in the laser tube.

5/Green laser light is better visible than red particularly there where light absorbing, dark or strong reflective surfaces shall be projected or at very bright surroundings.

6/Protection circuit against overload tops and excess temperature. 7/Integrated operating hours counter

Accessories: (only for L310 and L314)
Format sawing mount Art.-No. L301 €89,00
Wall- ceiling mount Art.-No. L302 €89,00



Joint mount at L310 and L315.

Infrared thermometer

DigiScan 3-in-1 Art.-No. E210 starting from € **39,-**



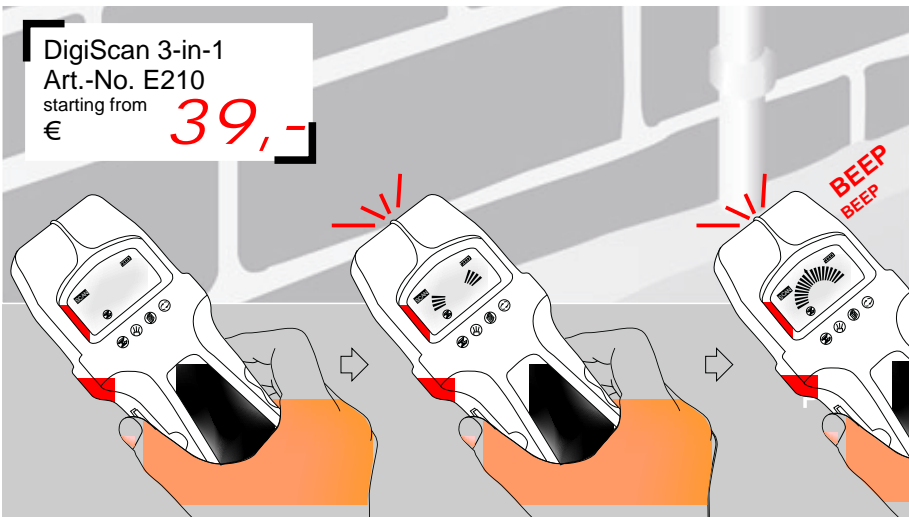
Without touching Measure of temperature at hard to reach places.



Big Display With background light

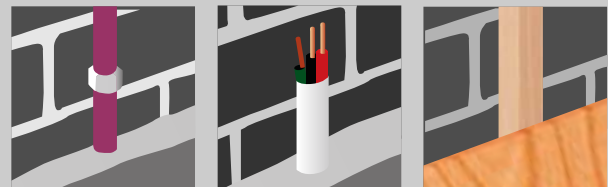
Infrared thermometer Art.-No. E222 starting from € **98,-**

◆ Adjustable emittance for the more precise determination of the material temperature ◆ Measure without touching, max. distance of 2.5 m ◆ Aim marking by 12 laser points. ◆ Measure area from -20° to +537°C ◆ Accuracy = 1% (of result) + 1°. ◆ Short measure time 0,5 s. ◆ Thread 1/4". ◆ Displays the lowest and highest measure result, average, difference lowest and highest result ◆ Inclusive bag with belt carry holder ◆



The DigiScan shows with an intelligent joist advertisement on the sought-after object

The DigiScan is a digital microprocessor controlled detector. He helps to recognize metal, voltage and wooden beams behind finery, wallpapers or dry making walls. You need a 9V-battery (not contained in the extent of supply).



The Digiscan finds metal current and fetching joist behind finery, wallpapers and dry making walls.

Paving tiles scribing tool gauge



Tiles scribing tool gauge
Art.-No. F100
Just € **13,80**



With connection work on ceiling inclines or with tiles laid diagonally everywhere there where tiles must be fitted in, this device is an ideal help for every tiler.

Adjusting the tile gauge to the measure of the incline. Thereby the rear angular stop comes across the already standing paving tiles.

The measured measure is transferred to the tile. The tile is laid out again with the cross cut fence. The joint breadth also can be taken into account about the millimetre scale.



Tiles scribing tool gauge plus 3
Art.-No. F110
Just € **44,80**

At the tiles scribing tool gauge you get the approved tiles scribing tool teaching ① and in addition a 33 mm round stencil ② for the hole determination a rectangle stencil 64 x 100 mm ② and a cross cut fence ②. You always have the fitting tool for exactly measuring marking-out of the tiles to the hand. Felt pictures get simply transferred on the tiles.

Glas-O-Meter



Glas-O-Meter
Art.-No. S310
Just € **52,-**

The Glas-O-Meter is suitable for the measuring of the strength of plates or insulating glazings in the built-in condition. Strengths can be measured up to 110 mm. A visual glass thickness gauge in addition is appropriate on this device. Through this it is possible to read the glass thickness of the single plate from the billboard space with the baseline.

Profile gauge



Profile gauge starting from € **57,-**

Elements can assign also bigger outlines to it by fitting together. With the enclosed folding square the individual elements can be connected with each other even in the angle. The felt profile line can easily be transferred by the flat and flat edition of the stencil to the work-piece to be adapted.



Profile gauge in the plastic suitcase with folding square:

2 elements per 20 cm, Art.-No. P140 €57,00

5 elements per 20 cm, Art.-No. P141 €114,00

The elements also can be connected across the angle with the folding square

❖ Simply transferring of outlines ❖ With gain of time ❖

You see here in the example of a stairs renovation how effectively the angle stencil can be used. (Images www.rheingold-gmbh.com)



The wall covering is cut out and stuck on of a sandwich panel or a polyester laminate.



With the angle stencil the single step forms can be investigated fast and exactly.



The sum carried forward on the element to be transferred is taken care fast with the angle.



The cutting broke after is carried out best with sub-open fields pits saw or with circular hand saw.



The adhesive is applied s-shaped on the old and new step to the fastening of the steps.



The new kick is established, pushed to the riser and organized with fist or rubber hammer to behind.



Length, height as well as angles are on the right and on the left also then determined for the risers.



The ends of the steps become back slices 45°.



If kick and step are fitted in and stuck, the joints are sealed with in color suitable silicone.



A thin silicone seam suffices so that the joints visually disappear and which appears to stairs in a new gleam.

The stairs spider is very helpful for steps measurement and ideal for the production of stencils. The six feeling teachings of the stairs spider are from a hardened spring band steel. There are two feeling teachings each in the length 60, 80 and 100 cm. The delivery is carried out in the stable storage box made of wood.



Angle stencil

Angle stencil starting from! € **79,60**

With the angle stencil a form can here a step form, fast and exact be copied.

With the angle stencil you can bolt almost any arbitrary stencil together. It works faster as and metre ruler bevel and is more precise than a paper stencil. The form removed so simply can be transferred to the workpiece, no matter whether wood, stone or tile.

One single Aluminium rail is between 10 and 80cm long. Can be stretched by the combinations of the Aluminium rails oneself. The length of 1.50m for example can arise by two 80 cm rails. The length of 15 cm by two 10 cm

rails. By the overlapping of these yield a length of 5.15m. So also very big stencils can be made. The bigger packet T512 contains 48 Aluminium rails with a total length of 15.4m and is thus suitable also for several steps.

The angle stencil is deliverable in two packing units. The smaller packet T510 contains 13 Aluminium rails. Placed next to each other

By the overlapping of these yield a length of 5.15m. So also very big stencils can be made. The bigger packet T512 contains 48 Aluminium rails with a total length of 15.4m and is thus suitable also for several steps.



With the angle stencil the form is transferred to the new coating or a paper stencil

Set T510: 13 Aluminium rails in the wooden suitcase only € 79,60. contains 3x 100 mm, 2x 200, 2x 300, 1x 350, 1x 500, 2x 700 und 2x 800 mm.

Set T512: 48 Aluminium rails in the wooden suitcase only € 198,00. contains 12 x 100 mm, 12 x 200, 8 x 300, 4 x 350, 4 x 500, 4 x 700 und 4 x 800 mm.

Stairs spider

Stairs spider Art.-No. T500 Just € **49,-**