

ERMENRICH

Measuring tools

by Levenhuk

Ermenrich – measuring tools for home and professional use: laser and classical tape measures, moisture and gas detectors, rangefinders, laser levels as well as stud detectors, battery testers, voltage testers, and much more.

Key benefits

- A wide range of brand-new best-selling products.
- Colorful design. All of the devices come in stylish packages and with multilingual instruction manuals.
- Produced by Levenhuk.

Areas of application

The main areas of application are apartment renovation and decoration, building a house, land surveying and zoning, woodwork and carpentry, quality assessment of store-bought building materials, gas leak prevention, fixed wire testing, and so on.



Laser levels

They are used in construction and repair works to determine the exact vertical, horizontal, and right angles. They help you perfectly mark flat lines in large rooms as well as determine the floor level or the geometry of the doorway. They can be used for home repair or professional purposes by builders, finishers, and installation engineers.



Model	LT10	LT20	LT30	LT40
Product code	81434	81436	81435	81437
Number of lines	2	2	2	2
Laser color	red	red	green	green
Working range	up to 15m (50ft)	up to 15m (50ft)	up to 30m (100ft)	up to 30m (100ft)
Horizontal sweep, °	130°	130°	130°	130°
Brightness adjustment	4 levels	10 levels	4 levels	4 levels
Self-leveling system	+	+	+	+



Model	LN20	LN30	LN40
Product code	81427	81438	81439
Number of lines	4	5	5
Laser color	green	green	green
Working range	up to 30m (100ft)	up to 30m (100ft)	up to 30m (100ft)
Horizontal sweep, °	360°	360°	360°
Brightness adjustment	4 levels	4 levels	4 levels
Self-leveling system	+	+	+



Model	LV40 PRO	LV50 PRO	LV60 PRO
Product code	81425	81426	81428
Number of lines	2D, 8 lines	3D, 12 lines	3D, 12 lines
Laser color	green	green	green
Working range	up to 30m (100ft)	up to 30m (100ft)	up to 30m (100ft)
Vertical sweep, °	360°	360°	360°
Horizontal sweep, °	360°	360°	360°
Brightness adjustment	4 levels	4 levels	4 levels
Self-leveling system	+	+	+

Laser meters

The Ermenrich laser meter not only measures the length of objects and distances but can also calculate volumes and areas right on the spot. They can also measure angles and make calculations through intermediate values, which can be stored in the memory of the device. Laser meters are widely used in construction, landscaping, repair, land surveying, filling in cadastral documentation, and many other applications.



Model	GA50	GM60	GM100
Product code	81724	81419	81420
Type	laser	laser	laser
Measuring range	0.05–50m (2in.–160ft)	0.05–60m (2in.–200ft)	0.05–100m (2in.–330ft)
Area/volume measurement	+	+	+
Pythagorean theorem feature	+	+	+
Measurement accuracy	±3mm	±2mm	±2mm
Angle measurement range	–	±50°	±50°
History record	100 groups	100 groups	16 groups



Model	GD40	GD60	GD80	GD100
Product code	81421	81422	81423	81424
Type	laser	laser	laser	laser
Measuring range	0.05–40m (2in.–130ft)	0.05–60m (2in.–200ft)	0.05–80m (2in.–260ft)	0.05–100m (2in.–330ft)
Area/volume measurement	+	+	+	+
Pythagorean theorem feature	+	+	+	+
Measurement accuracy	±2mm	±2mm	±2mm	±2mm
Angle measurement range	–	–	–	–
History record	20 groups	20 groups	20 groups	20 groups

Laser tape measures

Laser tape measures are a combination of a tape measure and a laser tape measure. The laser works at distances up to 40 meters (130ft) and allows high-precision measurements. The tape measure is used for measurements within 5 meters (16ft). Hybrid models are versatile in use and are in high demand for installation, repair, and construction work of various kinds.



Model	SLR540	SLR545 PRO
Product code	81878	81877
Type	laser, tape measure	laser, tape measure
Measuring range	0.2–40m (0.6–130ft)	0.2–40m (0.6–130ft)
Measurement accuracy	±1mm	±1mm
Length	5m (16ft)	5m (16ft)
Width	19mm	19mm
Power supply	batteries	rechargeable battery

Site laser rangefinders

The Ermenrich laser rangefinders can measure distances, angles, and speed over medium and long distances. They are efficient for targeting both large objects (buildings and trees) and small objects (power transmission poles, poles, and flagpoles). Compact and lightweight, with 6x magnification, and can be mounted on a tripod. Site laser rangefinders are suitable for work on construction sites, hunting, and camping.



Model	LR600	LR900	LR1500
Product code	81413	81414	81415
Measuring range	5–600m (16–1970ft) ±60°	5–900m (16–2950ft) ±60°	5–1500m (16–4920ft) ±60°
Measurement accuracy	±1m ±1°	±1m ±1°	±1m ±1°
Speed calculation	+	+	+
Scan mode	+	+	+
Magnification	6x	6x	6x
Objective diameter	25mm	25mm	25mm

Tape measures

The classic Ermenrich construction tape measure is an essential item that every household needs. It will help you measure the exact dimensions of furniture, decor, and other appliances as well as come in handy for repairs. It is a useful tool for all professional builders. All of the models are made of brushed steel, resistant to moisture, and the tape easily returns to the shockproof case.



Model	SQ30	SQ50	SQ80	SQ100
Product code	81879	81880	81881	81882
Length	3m (10ft)	5m (16ft)	8m (26ft)	10m (33ft)
Width	16mm	19mm	25mm	25mm
Tape	single-sided	single-sided	single-sided	single-sided
Tape material	steel	steel	steel	steel

Fiberglass tape measures

Fiberglass tape measures in disc-type plastic cases can be used for all kinds of measurements: construction and repair works, cutting materials, and interior design. They have long tapes that can be returned to the case with a side hand crank. When it is not needed, the hand crank can be folded in. There is a handle to hold the tool securely.



Model	SR20	SR30	SR50
Product code	81886	81887	81888
Length	20m (66ft)	30m (100ft)	50m (165ft)
Width	15mm	15mm	15mm
Tape	double-sided	double-sided	double-sided
Tape material	fiberglass	fiberglass	fiberglass

Surveyor's tape measures

The surveyor's tape measure has a very long tape, a sharp spike for securing the tip in the ground, and an ergonomic hand crank for comfortable holding. The fiberglass tape material is resistant to abrasion and stretching. It can be returned into a case with a side hand crank with a self-locking mechanism. This type of tape measure is used for surveying work, such as zoning and land surveying as well as in construction and landscaping.



Model	SL30	SL50	SL100
Product code	81883	81884	81885
Length	30m (100ft)	50m (165ft)	100m (330ft)
Width	13mm	13mm	13mm
Tape	double-sided	double-sided	double-sided
Tape material	fiberglass	fiberglass	fiberglass

Non-destructive testing (NDT) devices

Nondestructive testing devices include measuring instruments that do not cause damage to the parts of the tested objects or their coatings. These include moisture detectors (moisture meters) – devices for determining the humidity of wood and other building materials; gas detectors (gas alarms and gas analyzers) – devices for monitoring gas leaks at home and workplace; the thickness gauge – a device for measuring the thickness of the coating applied to a metal base.

Moisture detectors



Model	MW10	MW20	MW30	MW40
Product code	81729	81429	81730	81731
Device	pin-type	pin-type	pin-type	pinless
Materials	wood, cardboard, plaster, mortar	wood, bamboo, cardboard, plaster, brick, mortar	wood, cardboard, plaster, mortar	wood, bamboo, cardboard, plaster, cotton, concrete
Screen	+	+	+	+
Measurement accuracy	±0.1–2%	±2%	±2%	±4%

Gas detectors



Model	NG20	NG40
Product code	81431	81432
Measuring range	500/2000 ppm	0–10000 ppm
Alarm	light, sound	light, sound, vibration
Screen	–	+
Power supply	batteries	rechargeable battery

Thickness gauge



Model	NT50
Product code	81433
Measuring range	0–1700μm
Minimum measurement area	25x25mm
Screen	+
History record	30 measurements
Auto-off function	+
Power supply	batteries

Stud detector



Model	SD20	SA20	SA30	SM30	SM60
Product code	81746	81747	81748	81749	81750
Wire detection with a sound alarm	–	–	+	+	+
Max. detection depth	–	–	51mm	51mm	51mm
Locating framing studs	+	+	+	+	+
Max. depth for locating framing studs	19mm	19mm	19/38mm	13/25/38mm	13/25/38mm

Optical levels

An optical level is a tool for measuring the difference in height between two points that are far apart from each other. It is a must-have tool for outdoor construction and landscaping: leveling the ground, building a fence, or installing a greenhouse. It can also measure horizontal angles and the distance to the target. The device requires a leveling rod and tripod.



Model	PL30
Product code	81430
Compensator type	air damping
Compensator operating range, °	±15 min.
Working distance	120m (400ft)
Accuracy of height in a single measurement	1.6mm/30m
Horizontal circle	1°
Waterproof	IP54, splash-proof