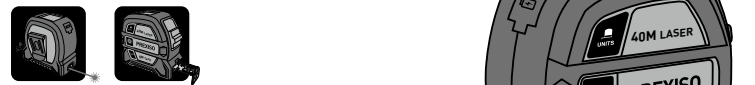


PREXISO® PLT40LI

RECHARGEABLE LASER & TAPE MEASURE

2-IN-1



www.prexiso-eu.com

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Safety Instructions

Retract Tape Measures Slowly
Guide the tape back to retract it slowly in a controlled manner when you finish measuring. The quick return of the tape might damage the blade and blade control mechanism. To minimize injury, slowly retract metal blade tape, keeping fingers away from edges.

CAUTION:
Do not use the product before you have studied the User Manual enclosed or on our Homepage.

If you have no such manual, or it is in the wrong language, please ask your agency for an appropriate copy.
The product is permitted to use for skilled persons only.

WARNING:
Use of controls or adjustment or performance of procedures other than those specified herein may result in hazardous radiation exposure.

WARNING:
It is a Class 2 laser product in accordance with IEC 60825-1:2014

UK CA FC CE

Li-ion

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Instrument Set-up

Overview

The safety instructions and the user manual should be read through carefully before the product is used for the first time.
The person responsible for the product must ensure that all users understand these directions and adhere to them.

Display

Measuring Reference
Area / Volume
Pythagoras (2-Point/ 3-Point)

Battery Charging

Charging the device when battery symbol is empty.

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Operations

Switching ON/OFF

ON 5 sec
Device is turned OFF.

If no key is pressed for 120 sec, the device switches off automatically.

Measuring single distance

1. Aim active laser at target.
2. Target surfaces: Measuring errors can occur when measuring to colourless liquids, glass, styrofoam or semi-permeable surfaces or when aiming at high gloss surfaces. Against dark surfaces the measuring time increases.

Continuous Measuring

1. Aim active laser at target.
2. Target surfaces: Troubleshooting can occur when measuring to colourless liquids, glass, styrofoam or semi-permeable surfaces or when aiming at high gloss surfaces. Against dark surfaces the measuring time increases.

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Unit setting

Switch between the following units:
0.000 m
0.00 ft
0 1/16 in
0'00" 1/16

Area

1. Aim laser at first target point.
2. Aim laser at second target point.
3. The result is shown in the main line and the measured distance above.

Volume

1. Aim laser at first target point.
2. Aim laser at second target point.
3. Aim laser at third target point.

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Pythagoras(2-point)

1. Aim laser at first target point.
2. Aim laser at second target point.
3. The result is shown in the main line and the measured distance above.

Pythagoras(3-point)

1. Aim laser at first target point.
2. Aim laser at second target point (Perpendicular to the measuring surface).
3. Aim laser at third target point.
4. The result is shown in the main line and the measured distance above.

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Technical Data

General	
Range with favourable conditions *	0.35-40m 1.15-135ft
Accuracy with favourable conditions *	±3mm ±1/8in
Smallest unit displayed	1 mm 1/16in
Laser class	2
Laser type	620-690 nm, < 1 mW
Power OFF automatically	after 120 s
Continuous measuring	yes
Dimension (H x D x W)	85 x 85 x 43 mm 3.35 x 3.35 x 1.7 in
Battery durability	up to 5000 measurements
Weight (with batteries)	380 g 13.4 oz
Temperature range:	- Storage: -10 to 60 °C 14 to 140 °F - Operation: 0 to 40 °C 32 to 104 °F

* The typical measurement uncertainty of ±3 mm is valid for measurements on white, diffusive, reflective targets up to 10m at low ambient light and moderate temperatures. For distances greater than 10 m, the measurement uncertainty could increase additionally by 0.1 mm/m. In unfavourable conditions (such as bright sunlight, targets with poor reflectivity, or high or low temperatures) the measurement uncertainty could further increase up to ±6mm for distances below 10 m.

Troubleshooting

ISSUE	CAUSE	ACTION
Failure to switch on	Hardware protection after shocking	Restart the device
	Low battery	Recharge the device
	Insufficient On/Measure/Units button press	Press the On/Measure/Units button firmly
	Beam is moved too fast	Move the measuring tool slowly
IC300 IC255	Measuring time too long	Change target surface (e.g. white paper)
	Received signal too weak	Change target surface (e.g. white paper)
	Ambient light is too strong	Shadow target area
	Running program is not in a proper way	Restart in a proper way by the instructions of manual
IC401	Hardware problem	Restart the device (if not work, contact a local dealer)

Care

- Clean the device with a damp, soft cloth.
- Never immerse the device in water.
- Never use aggressive cleaning agents or solvents.

Disposal

CAUTION
Flat batteries must not be disposed of with household waste. Care for the environment and take them to the collection points provided in accordance with national or local regulations. The product must not be disposed with household waste.

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Warranty

Two-Year Limited Warranty. This product is warranted to the original purchaser from the original purchase date for two years subject to the warranty coverage described herein. Please retain your receipt. This product is warranted to the original user to be free from defects in material and workmanship. If you believe that the product is defective at any time during the specified warranty period, please contact Prexiso customer service agent by sending email to info@prexiso-eu.com. This warranty does not cover: (1) Part failure due to normal wear or product abuse; (2) Any parts have been altered or modified by anyone other than an authorized Prexiso personnel or failure to install and operate equipment according to the guidelines put forth in the instruction manual. (3)Any products or parts used for rental purposes, damage resulting from shipping (claims must be filed with freighter), accident, abuse, act of God, misuse, or neglect. Prexiso will replace or repair the defective unit, at its option, subject to verification of the defect.

Symbols used

The symbols used have the following meanings:

WARNING
Indicates a potentially hazardous situation or an unintended use which, if not avoided, will result in death or serious injury.

CAUTION
Indicates a potentially hazardous situation or an unintended use which, if not avoided, may result in minor injury and/or appreciable material, financial and environmental damage.

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Safety Instructions

Areas of responsibility

Responsibilities of the person in charge of the instrument:

- To understand the safety instructions on the product and the instructions in the User Manual.
- To be familiar with local safety regulations relating to accident prevention.
- Always prevent access to the product by unauthorised personnel.

Electromagnetic Compatibility (EMC)

WARNING
The device conforms to the most stringent requirements of the relevant standards and regulations. However, the possibility of causing interference in other devices cannot be totally excluded.

FCC statement (applicable in U.S.)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Laser classification

The device produces visible laser beams, which are emitted from the instrument: It is a Class 2 laser product in accordance with:
IEC60825-1 : 2014 "Radiation safety of laser products"

WARNING
Do not stare into the laser beam or direct it towards other people unnecessarily. Eye protection is normally afforded by aversion responses including the blink reflex.

CAUTION
Looking into the laser beam may be hazardous to the eyes.

Wavelength: 620 - 690 nm
Pulse duration: > 600ps
Maximum radiant output power for classification: < 1 mW
Pulse repetition frequency: 320 MHz
Beam divergence: 0.16mrad x 0.6mrad

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UKCA-DECLARATION OF CONFORMITY

Herewith we,
Hangzhou GreatStar Industrial Co., Ltd
35# Jiuhan Rd, Jiubao Town, Hangzhou, Zhejiang, China

Declare that the following product complies with the appropriate basic safety and health requirements of the UKCA Directives (see item 4) based on its design and type, as brought into circulation by us.
This declaration relates exclusively to the product in the state in which it was placed on the market, and excludes components which are added and/or operations carried out subsequently by the final user.

1. Product: RECHARGEABLE LASER AND TAPE MEASURE
2. Model No.: PLT40LI
3. Serial number: N/A
4. Applicable UKCA Directives: Electromagnetic Compatibility Regulations 2016

Used Harmonized Standards: BS EN 61326-1:2013

5. Responsible for documentation: (Sea&Mew Accounting Ltd, Electric Avenue Vision 25, London, Enfield EN3 7GD, Billy Han, info@seamew.net)

6. Additional used UKCA Directives: N/A

7. Date/place/Name/Authorized signature
2021-8-19/ Hangzhou / Xu Dong Ling

8. Title of Signatory:
Engineer

Xu Dong Ling

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