Metrix+™
*Innovative Excellence*

# LASER DISTANCE METER

## DM 40

*Ergonomic*

## Measuring principle

A Laser Distance Meter sends out a pulse of laser light to the target and detects the reflection. The meter then measures the time between those two events, and converts this to a distance.




## Applications

This meter can be used to calculate distance, area, volume, and pythagorean distance in different units.

## Features

- Pocket type.
- Clear display for better readability from all angles.
- Historical data review.
- Spirit bubble for checking level.

## Technical Specifications

| Model | *Metrix+* DM 40 |
|---|---|
| **Measuring mode** | Single and Continuous(max/min) |
| **Measuring range** | 0.05 ~ 40m |
| **Accuracy(Standard Deviation)** | ±2.0mm |
| **Measuring units** | Distance : m, ft, in<br>Area : $m^2$, $ft^2$<br>Volume : $m^3$, $ft^3$ |
| **Laser Type** | 620 – 690nm, Class II, <1mW |
| **Single Measurement time** | 0.25s |
| **Other functionalities** | Area, Volume, Pythagoras measurements<br>Switchable measuring reference,<br>Silence function,<br>Battery power indication |
| **Historical data review** | 20 groups of data |
| **Auto switch off** | Laser : 30s<br>Instrument : 180s |
| **Operating temperature** | 0 to 40℃ |
| **Storage Temperature** | -20 to 65℃ |
| **Dimensions and weight** | 110mm×46mm×25mm ; 72g(without batteries) |
| **Batteries** | 2 x AAA 1.5V ; >5000 times working time(fully charged) |
| **Standard Accessories** | Laser distance meter, carrying case, batteries, technical manual. |

Model and Specifications subject to change without notice.