

MS6450 ULTRASONIC DISTANCE METER



MS6450 ultrasonic distance meter

Features:

- Non-contact and fast measurement of distance and area/volume calculation function
- With laser targeting to locate the measurement point more precisely
- Dual data display with backlight, 9999 counts(distance), 99999 counts(area/volume)
- Distance measurement range up to 15m
- Metric/imperial system selectable
- "Add" function to sum up measurement data
- Store/recall function
- Auto power-off after 30 seconds
- Misoperation indication
- Low battery indication

Applications:

For the measurement of distance, area and volume. Ideal for indoor use.

Specifications

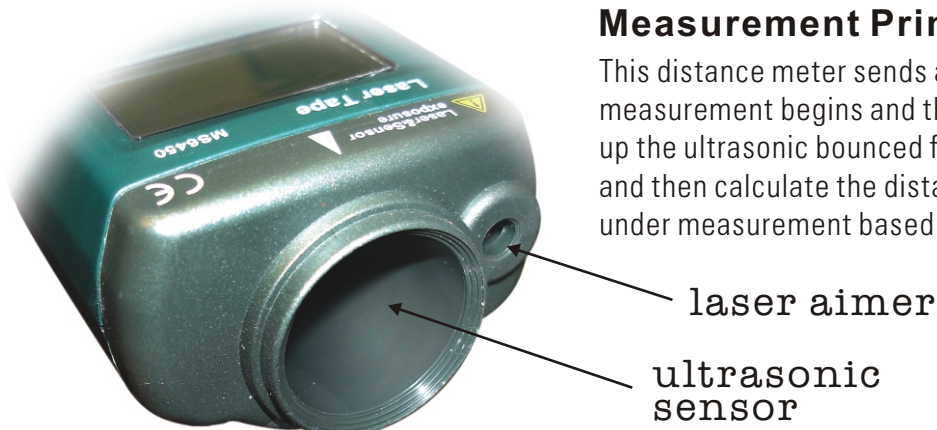
MEASUREMENT RANGES	0.6 ~ 15m 2 ~ 50 feet
OPERATING TEMPERATURE	0°C ~ 40°C
RESOLUTION	0.01m (1 feet)
ACCURACY	0.5% + 1 digit
APERTURE ANGLE	Approx. +/- 5°
LASER TYPE	Red laser diode 650nm
AREA/VOLUME CALCULATION	YES
AUTO POWER OFF	After 30 sec.
IMPERIAL/METRIC SYSTEM	Selectable
MEMORY/RECALL	YES
BATTERY TYPE	9V (6F22) x 1

Application Notes:

- 1) The power of the laser aimer is less than 1mW, avoid direct eye-contact with the laser beam when taking the measurement.
- 2) Soft or rugged surface will absorb ultrasonic and lead to incorrect measurement result. Measurement shall be made on plane and hard surface to ensure the most precise result.
- 3) When the distance under measurement is above 12m, make sure the relative humidity is > 48% and reflecting area is larger than 3x3m, otherwise the measurement data may be imprecise.

Measurement Principle:

This distance meter sends a short burst of ultrasonic when measurement begins and the sensor of the meter will then pick up the ultrasonic bounced from the object under measurement and then calculate the distance between the meter and object under measurement based on the time it takes.



SHANGHAI GLENTTEST ELECTRONICS CO., LTD.
TEST INSTRUMENTS SPECIALIST

International Sales:

Tel: +86 21 85921024 Fax: +86 21 85921514
Address: 401/3, No. 365 Guangling Road, Shanghai 200082, China