

Ultrasonic Distance Meter

UX4590

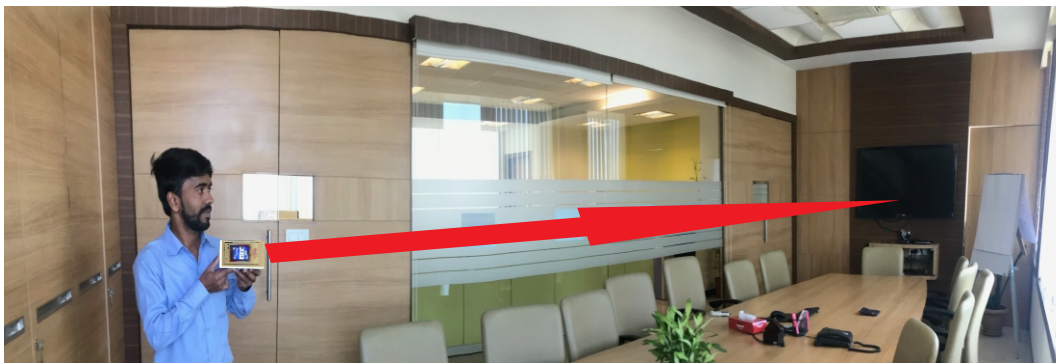


UX 4590 - Ultrasonic Distance Meter :

Ultrasonic distance measurement is a "Non Contact" method of measurement of distance in air of an object. Ultrasonic Distance measurement provides a reliable, accurate and fast way to measure distance and calculates the area & Volume of any space. An ideal tool for Architects and Civil, Survey Engineers.

Working Principle:

Principle used is known as "**Pulse - Echo**" technique. An electrical pulse of high voltage is applied to the ultrasonic transducer to generate a burst of sound waves. Whenever, any obstacle is encountered in the ultrasonic path, the pulse is reflected back in the form of echo. It calculates the time taken between Transmitting signal and receiving echo and with input of Velocity of Sound in air, distance is displayed on the Instrument.



Application's:

- ★ Surveying
- ★ Level Detection
- ★ Public Security
- ★ Parking Detection
- ★ Robotic Barrier
- ★ Civil Engineers
- ★ Architects
- ★ Determining Ceiling Height
- ★ Flat Area / Volume Calculation
- ★ Water Level Detection.

Technical Specifications:

Test Mode:	Pulse - Echo
Measurement range:	0.8m to 12m
Measurement accuracy:	+/- 0.5%
Probes:	Single Crystal (T-R)
Calibration:	Through TFT Touchscreen
Operating Temperature:	0 to 50 C
Power:	7.4 V DC Li-Ion Chargeable
Data Memory:	100
Display:	2.4 " TFT Touch Screen
Measurement Units:	cm/m/inch/ft
Weight:	263 gm
Dimensions:	150(L) x 82(W) x 45(H)





Features:

- ★ Distance Measurement mode: Continuous / Test Mode.
- ★ Data Save : Maximum 100 memory/ Data Read / Data Erase
- ★ Area, Volume calculation mode
- ★ Temperature Compensation
- ★ TFT Touchscreen Operations
- ★ Rechargeable battery
- ★ Battery indication on display

Standard Kit:

- ★ Distance Meter UX 4590
- ★ 9V Charger
- ★ Operating Manual



Note: Technical Specifications are subject to change without prior notice, due to continuous upgradation.

About Us :

RTUL is a leader in Design, Development, and Manufacturing and Marketing of wide range of ultrasonic Equipments since 1982. RTUL has established itself as one of the largest manufacturer of ultrasonic cleaning applications for various Industrial Applications with a global presence. Our Highly Skilled personnel and service quickly react to maintenance and service demands .

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