Laser Distance Meters UNT-UT LM100

The **UNT-UT LM100** is a type of **laser distance meter** used for measuring distances with high accuracy. Laser distance meters are commonly used in construction, interior design, real estate, and other fields where precise measurements are required. Below is an overview of the features and specifications typically associated with the UNT-UT LM100 or similar laser distance meters:

Key Features of the UNT-UT LM100 Laser Distance Meter

1. **Measurement Range**:
   - Typically measures distances from a few centimeters up to 100 meters (or more, depending on the model).
2. **Accuracy**:
   - High accuracy, often within ±1.5 mm to ±2 mm.
3. **Laser Type**:
   - Uses a Class II laser (safe for everyday use).
4. **Display**:
   - Features a backlit LCD screen for easy reading in various lighting conditions.
5. **Units of Measurement**:
   - Supports multiple units such as meters, feet, inches, and fractions.
6. **Functions**:
   - Basic functions include distance measurement, area calculation, volume calculation, and Pythagorean theorem (indirect measurement).
   - May also include continuous measurement, addition/subtraction, and memory storage.
7. **Durability**:
   - Designed to withstand rough handling, often with a rugged, dustproof, and water-resistant body.
8. **Power Source**:
   - Powered by standard AAA batteries or rechargeable batteries.
9. **Compact and Portable**:
   - Lightweight and easy to carry, making it ideal for fieldwork.

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10. **Additional Features**:
    - Some models include Bluetooth connectivity for data transfer to smartphones or tablets.
    - Built-in bubble level for alignment.

Applications

- **Construction**: Measuring distances for building layouts, walls, and structures.
- **Interior Design**: Calculating room dimensions for furniture placement or renovations.
- **Real Estate**: Quickly measuring property dimensions.
- **Land Surveying**: Measuring land plots or outdoor spaces.
- **DIY Projects**: Home improvement or crafting projects requiring precise measurements.

How to Use the UNT-UT LM100

1. Turn on the device and select the desired measurement unit.
2. Place the device at the starting point and aim the laser at the target surface.
3. Press the measure button to get the distance reading.
4. Use the function buttons to calculate area, volume, or perform other advanced measurements.

Safety Precautions

- Avoid pointing the laser at people or animals.
- Do not look directly into the laser beam.
- Use the device in appropriate lighting conditions for accurate measurements.
