

LIGHT LEVEL METER UNI-T UT383

علامة تجارية رائدة في أجهزة القياس والاختبار ✓ الموديل – UNI-T : الشركة المصنعة ✓
للضوء (%دقة القياس: ± 4 ✓ (Lux) نطاق قياس شدة الإضاءة: 0 - 199,900 لوكس ✓ UT383
مضيئة لسهولة القراءة في جميع LCD (قدم-شمعة) ✓ شاشة Lux / FC :وحدة القياس (A) القياسي
الظروف ✓ تخزين البيانات وإمكانية الاحتفاظ بالقراءة الأخيرة ✓ توفير الطاقة مع الإيقاف التلقائي
بعد 5 دقائق من عدم الاستخدام ✓ تصميم صغير وخفيف – سهل الحمل والاستخدام بيد واحدة

The **UNI-T UT383** is a light level meter (also known as a lux meter) designed to measure illuminance, which is the amount of light falling on a surface. It is commonly used in photography, lighting design, workplace safety, and environmental monitoring to ensure proper lighting conditions.



Key Features of the UNI-T UT383:

1. **Measurement Range:** Typically measures light intensity in lux (lx). The range may vary depending on the model, but it often covers a wide range (e.g., 0–200,000 lux).
2. **Accuracy:** Provides accurate readings with a specified tolerance (e.g., $\pm 3\%$ to $\pm 5\%$ depending on the range).
3. **Sensor:** Equipped with a photodiode sensor that detects light levels.
4. **Display:** Features an easy-to-read LCD display with backlight for low-light conditions.
5. **Data Hold:** Allows you to freeze the current reading on the display for easy recording.
6. **Auto Power Off:** Helps conserve battery life by automatically turning off after a period of inactivity.



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7. **Compact and Portable:** Lightweight and easy to carry, making it suitable for fieldwork.
8. **Battery Powered:** Typically powered by a 9V battery.

Common Applications:

- **Photography:** Ensuring proper lighting for photoshoots.
- **Indoor Lighting:** Checking if lighting meets workplace or residential standards.
- **Greenhouse Monitoring:** Ensuring optimal light levels for plant growth.
- **Safety Compliance:** Verifying that lighting meets safety regulations in workplaces.

How to Use:

1. Turn on the device and ensure the sensor is exposed to the light source.
2. Place the sensor in the area where you want to measure the light level.
3. Read the lux value displayed on the screen.
4. Use the data hold function if needed to record the reading.

Tips:

- Calibrate the device periodically for accurate measurements.
- Avoid blocking the sensor or exposing it to extreme conditions (e.g., direct sunlight for extended periods).
- Replace the battery when the low battery indicator appears.