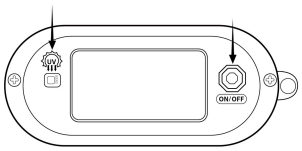
UVB METER

QUICK START GUIDE · 240–320 NM

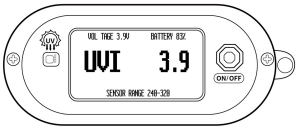
MODEL
UVB-1 Series
Sensor Range 240–320 nm



01 · OVERVIEW

Meet Your Meter

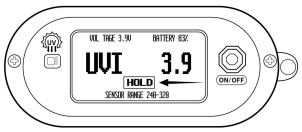
A pocket-sized **UVB radiometer** covering **240–320 nm**. Point the **sensor** (left) directly at the light source. The **ON/OFF** button (right) powers the unit: **SHORT** to turn on, **LONG** to turn off.



02 · DISPLAY

Screen, Battery & Specs

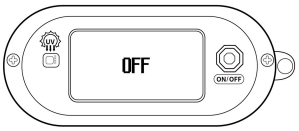
The screen shows live **UVI** plus **battery %** and voltage. Powered by a **rechargeable LIR2450** cell, topped up with the **included RSC-X2-3** charger.



03 · HOLD

Freeze a Reading

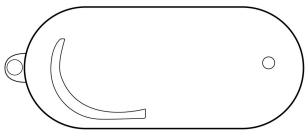
While measuring, **SHORT**-press the ON/OFF button to **lock the current value**—handy for viewing or recording away from the source. Press again to release.



04 · POWER

Turn It Off

LONG-press the ON/OFF button to power down. The meter also **auto-shuts after 2 minutes** of inactivity to save battery.

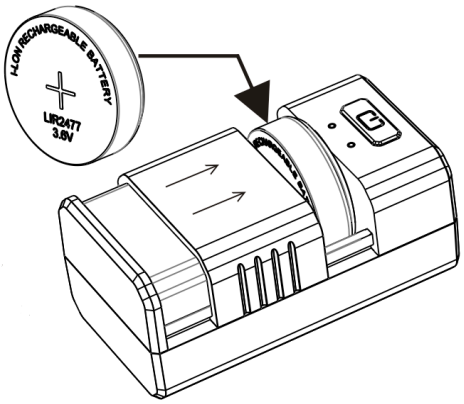


05 · BACK PANEL

Battery Compartment

The **curved groove** on the back is the battery cover—use it to **pull out the battery insulating tab** before first use. The **small pinhole** on the right lets you push out the circuit board so you can **replace the battery**.

06 **CHARGER** · included



INDICATOR LIGHT

- **Red** · charging
- **Green** · fully charged

3–4 hours to full charge.

SPECIFICATIONS

INPUT	DC 5V / 15 mA
OUTPUT	4.2V / 8 mA
PORT	USB Type-C
WEIGHT	21 g

COMPATIBLE CELLS

LIR1025 · 1220 · 1254 · 1620 · 1632 · 2016 · 2025 · 2032 · **2450** · 2477

WARNINGS

⚠ Children under 12 shall not use this product. Always align the + pole with the charger mark.

FERGUSON ZONES

UVB Guide for Reptiles

1	2	3	4
0–0.7 UVI	0.7–1.0 UVI	1.0–2.6 UVI	2.6–3.5 UVI

Z1 **Crepuscular or shade dweller, thermal conformer**
Avg **UVI 0–0.7** · max **UVI 0.6–1.4**
Avoids direct sunlight.
e.g. Crested Gecko · Leopard Gecko · Burmese Python · Milk Snake

Z2 **Partial sun / occasional basker, thermoregulator**
Avg **UVI 0.7–1.0** · max **UVI 1.1–3.0**
Occasional basking for short periods.
e.g. Green Anole · Boa Constrictor · Ornate Box Turtle · Australian Water Dragon

Z3 **Open or partial sun basker, thermoregulator**
Avg **UVI 1.0–2.6** · max **UVI 2.9–7.4**
Full morning/early-afternoon sun, or partly-clouded mid-day.
e.g. Frilled Lizard · Yemen Chameleon · Standing's Day Gecko · Leopard Tortoise

Z4 **Mid-day sun basker, thermoregulator**
Avg **UVI 2.6–3.5** · max **UVI 4.5–9.5**
Full sunlight at any time of day.
e.g. Chuckwalla · Uromastyx · Rhinoceros Iguana · Marginated Tortoise