Model Spectrum 700VU
Phantom® Digital UV Visible Transmission Meter

UV Sensor Opening
Visible Sensor Opening

Item# E420

- *Measures % of UV and Visible light transmission with a flip of a switch*
- *Digital display shows amount of transmission*
- *ETL approved*
- *Easy access to user replaceable parts*
- *Appealing look in office or lab*

Description:

A UV/visible light meter which measures the average percentage of ultraviolet rays and visible light transmitted through an optical lens. It's capability extends over the ultraviolet spectrum from 320 to 400 nanometers (nm), and over the visible spectrum from 400 to 700 nm. Light transmission through lenses can be checked without removing lenses from the frame. The meter is also useful in demonstrating photochromic lenses.

Specifications:

Power Consumption:	13 Watts
Power Requirement:	120 VAC, 60Hz; 220, 230, 240 VAC, 50Hz (Optional)
Body:	Heavy gauge aluminum construction
UV Sensor:	Silicon photo diode
UV Range:	320 to 400 nm
Visible Range	400 to 700NM
Dimensions:	6.65 x 6.85 x 7.25 in. (16.89 x 17.4 x 18.41 cm)

Calibrate to 100% UV or visible light transmission

Operation:

1. Turn on desired power switch (UV or Visible or both).
2. Set MODE switch to UV or Visible
3. Adjust LCD reading to 100 by using the desired adjustment dial.
4. Place lens or eyeglasses over UV or Visible sensor opening.
5. Observe readout for UV or visible percentage transmission.

    For more information refer to the Phantom Digital UV Transmission Meter, Model Spectrum 700VU, Instruction Manual # 010VU.

Slide in eyeglasses to take reading

Switch from UV to Visible light

Warranty:

One year warranty, parts and labor, excluding bulbs.

Packaging & Shipping

The Phantom Digital UV Transmission Meter, item # E420, is packaged in a 10 x 10 x 10 in. (25.4 x 25.4 x 25.4 cm) craft box.

Shipping weight = 6 lbs. (2.72kg)

Item# E420 for 120V, 60 Hz.
Item# E420-220 for 220V, 50 Hz.
Item# E420-230 for 230V, 50 Hz.
Item# E420-240 for 240V, 50 Hz.
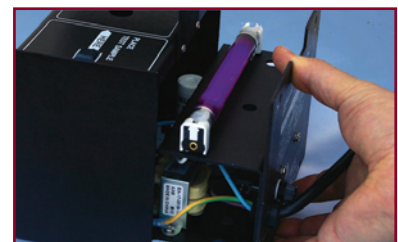
Easy access to replaceable parts

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