

Model S350 Optometer

PRODUCT SUMMARY

The S350 provides both radiometric/photometric and log measurements. Measurement modes are selected with a front panel switch. As a radiometer, the S350 makes power and energy measurements. A front panel "Multiplier" control provides seven full-scale decades of power and five full-scale decades of energy measurement capability.

Data is displayed on a large LCD display. Four calibration channels are selectable from the front panel. The S350 can be powered directly from an AC line or, for portability, from an internal rechargeable battery pack. It accommodates all of UDT sensor heads and accessories.



UDT INSTRUMENTS

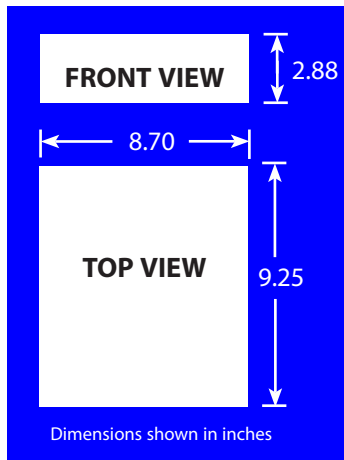
8581 Aero Drive, San Diego, CA 92123
Phone (858) 279-8035 Fax (858) 576-9286
Website: www.udtinstruments.com

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SPECIFICATIONS



Back View



Accuracy
Stability
Dynamic Range

Power
Energy
Log

Temperature Drift
10⁻¹ to 10³ range
10⁻³ to 10⁻² range
dBm, %of reading,
referred to input

Linear Mode
±1.2% ±2 counts,
≤ 1%

Log Mode
5%(referred to input)
≤ 1%

9 decades
7 decades

9 1/2 decades

±0.03% /C°
±0.06% /C°

0.1%/°C@ dBmA*
0.1%/°C@ -30dBmA*
2.0%/°C@ -60dBmA*

Battery

NiCad
rechargeable

NiCad
rechargeable

Battery Life

LCD backlight off
LCD backlight on
LCD powered

25 hours
8 hours
8 hours

25 hours
8 hours
8 hours

Temperature Range

Operating
Storage

0° to 45°C
-20° to 60°C

Analog Output

0-100 mV

Display

3 1/2 digit LCD

Weight

3.75 pounds (1/8 kg)

Accessories supplied

CE Approved Power Supply,
instruction manual,
corrugated cardboard carrying case

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