Wattwise Solutions LLC

Photoionization VOC sensor

WW-CMP-109



A photoionization sensor combining a krypton UV lamp, a compact ionization chamber and low-noise electronics. It detects compatible volatile organic compounds with ionization energies below 10.6 eV. Multiple concentration ranges support integration into portable, fixed environmental and analytical gas-monitoring instruments.

Applications

• VOC monitoring

• Industrial hygiene

• Emergency response

• Environmental instruments

Technical data

Measurement method	PID
Measured parameters	VOC
Measurement range	0–10 / 20 / 50 / 100 / 200 ppm
Response time	T90 <5 s
Power supply	3.2–3.6 V
Operating temperature	−40–55 °C

Specifications vary with model and configuration. Contact Wattwise to confirm suitability, measurement ranges and available options for your project.
Manufacturer: Sheens