

91 series

Model HS-91

Features

- TWA and STEL readings and alarm
- Peak, average, elapsed time readout
- Output (0–1V)
- RF and weather resistant metal case
- 260 hours continuous operation
- Intrinsically safe in Japan



Specifications

Detection principle	Electrochemical cell
Measurable gas	Hydrogen sulfide (H ₂ S)
Measuring range	0-33.0 ppm linear, Continuing 99.5 ppm
Sampling method	Diffusion sampling
Accuracy	Better than $\pm 7\%$ of F.S
Response time	Less than 20 seconds to 90% response
Alarm point & Alarm method	1st alarm (10 ppm) Long intermittent alarm 2nd alarm (15 ppm) Short intermittent alarm STEL alarm (15 ppm) Short intermittent alarm
Operating temp.	-10°C ~ +40°C
Continuous operating hours	Alkaline battery Approx 260 hours Ni-Cd battery Approx 90 hours
Dimensions & weight	85(W) × 38.5(H) × 141(D) mm, Approx 550 g