



Nebula GMM2000

Portable SO₂ Gas Measuring Monitor Determination of SF₆ Gas Quality



The GMM2000 is a highly specialised device enabling precise measurement of SO₂ in gas mixtures. It is very resistant against contamination and SF₆ decomposition products, and, therefore, a reliable instrument for each revision of circuit breakers.

Important Features

- Minimum usual long-term drift problems
- No pressure and temperature influences on the measuring result
- Indication of PPMv

Standard Equipment

SO₂ measuring device with digital display

Operation: Mains operated or with batteries (integrated battery charger with deep discharge protection and battery level indication)

Automatic rinsing of measuring cell when switching off

2m long connecting cable with mains plug

4m long connecting hose with quick couplings (DNS and DN20)

Output coupling for connecting a gas collecting unit

Robust housing with handle for placing and transportation

Black plastic case

1 Operating Manual

ADC Gas Analysers UK

Please see over page for more information

Technical Data

Dimensions: (without handle) W170mm x H85mm x D280mm

Dimensions: (with handle) W210mm x H85mm x D315mm

Dimensions: (transport case) W360mm x H165mm x D290mm

Weight: 2.9 kg

Weight with transport case and accessories 5.1 kg

Measuring principle: Chemical reaction

Available measuring ranges: R101 = 0 - 20ppm_v, R102 = 0 - 100ppm_v, R103 = 0 - 500ppm_v

Measuring accuracy: < ± 2% of the measuring range

Operating temperature: -10 - 50°C

Ambient moisture up to 90% relative moisture, non-condensing during operation

Input pressure: p_e 0.5 - 10 bar

Operating voltage: 100 - 265V / 50 - 60Hz

Connection: Quick coupling

Response time: < 15s (90% of the total value)

Measuring time: < 2 minutes

Lifetime of the sensor: 6 mths when storing in protective foil; 24 months operating in air

Long term sensitivity drift: < 2% of the SO₂ sensor per month

Flow rate: 1-3l_n / hr

Rinsing function: auto rinsing of the measuring cell with ambient air when switching Off

Indication: digital LED display (24 x 48mm)

Batteries: NiMH batteries (rechargeable)

Optional Accessories (Extra Charge) and Packing

Discharge gas collection bag (for putting emission-free measurement) coded B151R95

Additional Operating Manual 6-0004-R213

Packing for unit 3-032-R002 is coded 05-1990-R004



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