

GEM-1

SINGLE DISPLAY DISSOLVED GAS CALIBRATION FACILITY. STANDARD AND FILLER FORMATS AVAILABLE.

RANGE COVERS

- DO₂ / DCO₂ / DN₂

SAMPLE OUTPUT

- **Standard:** Flowrate 10 l/hr (FIXED)
CPC PLCD connectors
- **Filler:** As Standard, plus Purge/Return to I/F Box for *SB* Sample Bottles

DISSOLVED O₂

DISPLAYED AS

40 ppb typical
YYY

DISSOLVED CO₂

DISPLAYED AS

5 g/l (2.5 VOL) typical
X.XX

DISSOLVED N₂

DISPLAYED AS

ppm
XX.X

ACCURACY

- ALL GASES +/- 1%

WORKING PRESSURE

1.90 - 2.50 barA

TEMPERATURE RANGE

0° to 30°C

POWER

BATTERY LIFE

9v (PP3 battery)
3 months typical heavy use

DISPLAY

SELECTION

LCD, 3-digit, 19mm, back-lit
PUSH-BUTTON, 10-sec display with "low-battery" indication
Toggle Switch 2-way (Summer/Winter Selection)

DUTY

START-UP TIME

INTERMITTENT or CONTINUOUS
20 minutes to stabilisation

MECHANICAL

CALIBRATOR

ABS Plastic, Bench-mounting
35 x 14 x 30 cm (H x W x D),
4.0 kg

SERVICE PANEL

Aluminium, Wall-mounting
30 x 34 cm (H x W) ex. Water Filters (10")

CONNECTIONS

6 mm or ¼" PU Tubing

SERVICING

INTERVAL

Water Filter Cartridges (25, 1 micron)
Typical 2 – 3 months, depends on supply quality

