

GEM-2

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

RANGE COVERS

- **DO + DCO₂:** all gas levels displayed
- **DO + DN₂:** all gas levels displayed
- **Two levels DO:** all gas levels displayed

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

40 ppm typical
XX.X

ACCURACY

- ALL GASES +/- 1%

WORKING PRESSURE

3.20 barA Summer
2.80 barA Winter (calibrated gauge supplied)

PRESSURE GAUGE
CALIBRATED

0 – 4 barA, 100mm dia., stainless steel, top-mounting
0.5%

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 (Gas Selection)
Toggle Switch 2-way (Summer/Winter Selection)

DUTY
START-UP TIME

INTERMITTENT or CONTINUOUS
20 minutes to stabilisation

MECHANICAL
CALIBRATOR

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

SERVICE PANEL

Aluminium, Wall-mounting

CONNECTIONS

30 x 40 cm (H x W) ex. Water Filters (2 off, 10")
6 mm or ¼" PU Tubing

SERVICING
INTERVAL

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

