

GEM-3

THREE DISPLAY DISSOLVED GAS CALIBRATION/VERIFICATION FACILITY.
STANDARD AND FILLER FORMATS AVAILABLE.

RANGE COVERS

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

- **HIGH LEVEL:** 180 ppb typical
- **LOW LEVEL:** 90 ppb typical
- **DISPLAYED AS:** YYY

DISSOLVED CO₂

- **DISPLAYED AS:** 4.0 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)

TEMPERATURE RANGE

0° to 30°C

POWER

9v (PP3 battery)
BATTERY LIFE: 3 months typical heavy use

DISPLAY

SELECTION: LCD, 3-digit, 19mm, back-lit
PUSH-BUTTON, 10-sec display with "low-battery" indication
Toggle Switch 3-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 mounting
35 x 14 x 30 cm (H x W x D)
4.5 kg

SERVICE PANEL: Aluminium, Wall-mounting
34 x 40 cm (H x W) ex. Water Filters (10")

CONNECTIONS: 6 mm or 1/4" PU Tubing

SERVICING

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

