



# DiveMiX

**BAUER**  
KOMPRESSOREN  
Service Point

## DMX-O2 Compact Oxygen Analyzer

- Device incl. Sensor, tube-adaptor and T-piece
- Min-/max- value memory
- Sensor element is exchangeable without tools
- Easy calibration at ambient air
- Cost-effective sensor elements with long life-time



### **Specifications:**

**Meas. Range:** 0,0 .... 100,0% O2 (O2-concentration)

**Accuracy:** ( $\pm 1$  digit) (At nominal temperature = 25°C)

$\pm 0.1$  % O2  $\pm 1$  digit (calibrated device)

**Probe connection:** via 0.7m jack-connector-cable attached to the device.

**Oxygen Probe:** Oxygen-partial pressure probe, mounted in external sensor housing

**Response Time:**  $t_{90} < 10$  sec., depending on temperature

**Life-time:** 12 months (appropriate application and ambient pressure)

**Working pressure:** 0.5 to 2.0 bar absolute

**Measuring freq.:** approx. 1 meas. per sec.

**Display:** 3 ½ - digit, 13mm high LCD-display

**Working temperature:** -5 to 50°C (sensor), -20 to 50°C (device)

**Power supply:** 9V battery type IEC 6F22 (commonly known as 9V block)

**Power consumption:** approx. 120 $\mu$ A (battery life-time with standard zinc-carbon-battery over 2500h)

**Low battery display:** "BAT"

**Auto-off-function:** 1...120min. (can be switched off)

**Housing:** Impact resistant ABS-enclosure, front side IP65

**Dimensions:** approx. 106 x 67 x 30 mm, without sensor and sensor cable

**Weight:** approx. 185g incl. battery and sensor



DiveMix Ltd. gas & compressor technologies  
PO Box 595 – beside Abu Nawas Street, El Mina, Sekhalla  
Hurghada, Red Sea, Egypt  
Phone: +20-65-3449056 – Fax: +20-65-3449057  
Email: [info@DiveMix.com](mailto:info@DiveMix.com) – [www.DiveMix.com](http://www.DiveMix.com)



### Spare parts & Accessories:

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|---|--|
|    | <p><b>DMX-GOEL 369 spare sensor element</b></p> <p>Measuring range (oxygen): 0.0...100.0 %O<sub>2</sub> (gaseous)<br/>Measuring range (partial oxygen pressure): 0...1100 hPa O<sub>2</sub><br/>Working pressure: 0.5 to 2.0 bar abs.<br/>Sensor element: 12 month warranty<br/>Note: for CO<sub>2</sub> concentrations &lt; 0.05%<br/>Standard: PTB-A 18.10, accuracy class 1 for use in motorcar exhaust gas measuring equipment</p> |
|   | <p><b>DMX-ESA 369 Tube adapter, flow diverter</b></p> <p>M16x1, for tubes, T-pieces, etc. with inner diameter 15mm</p>   |
|  | <p><b>DMX-ZOT 369 T-piece</b></p> <p>Inner diameter for connection to flow diverter 15mm<br/>outer diameter 22mm</p>   |
|  | <p><b>DMX-GB 9V Spare battery</b></p> <p>9VDC, type IEC 6F22</p>   |
|  | <p><b>DMX-GKK 252 Small plastic case</b></p> <p>Dimensions: 235 x 185 x 48 mm<br/>Inlay: punched lining, without cut-outs<br/>Usage: universal</p>   |