



DG112

Digital CO₂/O₂ probe

Measuring gas inside incubators are tricky, especially with gas analyzers aspirating gas from the incubator. Incubator stability can be influenced by even minute amounts of gas aspiration and the question often arise: When has enough gas been sampled. Measuring inside the incubator instead of aspirating gas, often result in more precise measurements.

Functions & Technology

CO₂/O₂ probe

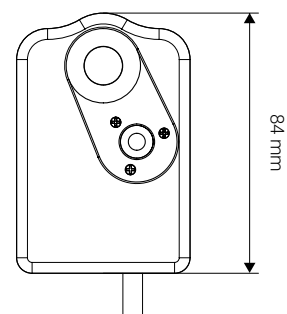
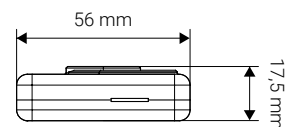
The new Digital Carbon dioxide (CO₂) and Oxygen (O₂) probe is revolutionary in design and performance.

Due to the flat design and flexible connection, the probe can be inserted directly into the desktop incubator chamber, allowing for long-term continuous measurements and not only spot-check. See NiloChecker documentation for advanced functions



Specifications

Sensors	NDIR (CO ₂), Electro-chemical (O ₂)
Measure range	0-30% O ₂ / 0-12% CO ₂
Accuracy	0,2% O ₂ , 0,1% CO ₂ +/- 3% of reading
T90	<20 sec. (O ₂), < 15sec (CO ₂)
Compensation for ambient conditions	Temperature (20-40°C), altitude (700-1100 mbar)
Display resolution and update	0,1%, 1 update per sec.
Cable lenght	2 m
Compliances	CE with NiloChecker 500. RoHs.
Calibration	Delivered with factory calibration certificate.. Can be calibrated in accordance with ISO/IEC 17025. 0-50°C, Calibration requires adaptor. Part no: 115s001.
Operating conditions	5-95% RH (Non condensing)



Ordering info

Part no: 112s003 - DG112 VFC (Very flat cable for desktop incubators)
Delivered with Factory calibration certificate.
Part no: 800s004 - Calibration of Nilotech gasprobe incl. factory and gas certificates

Nilotech Aps.

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