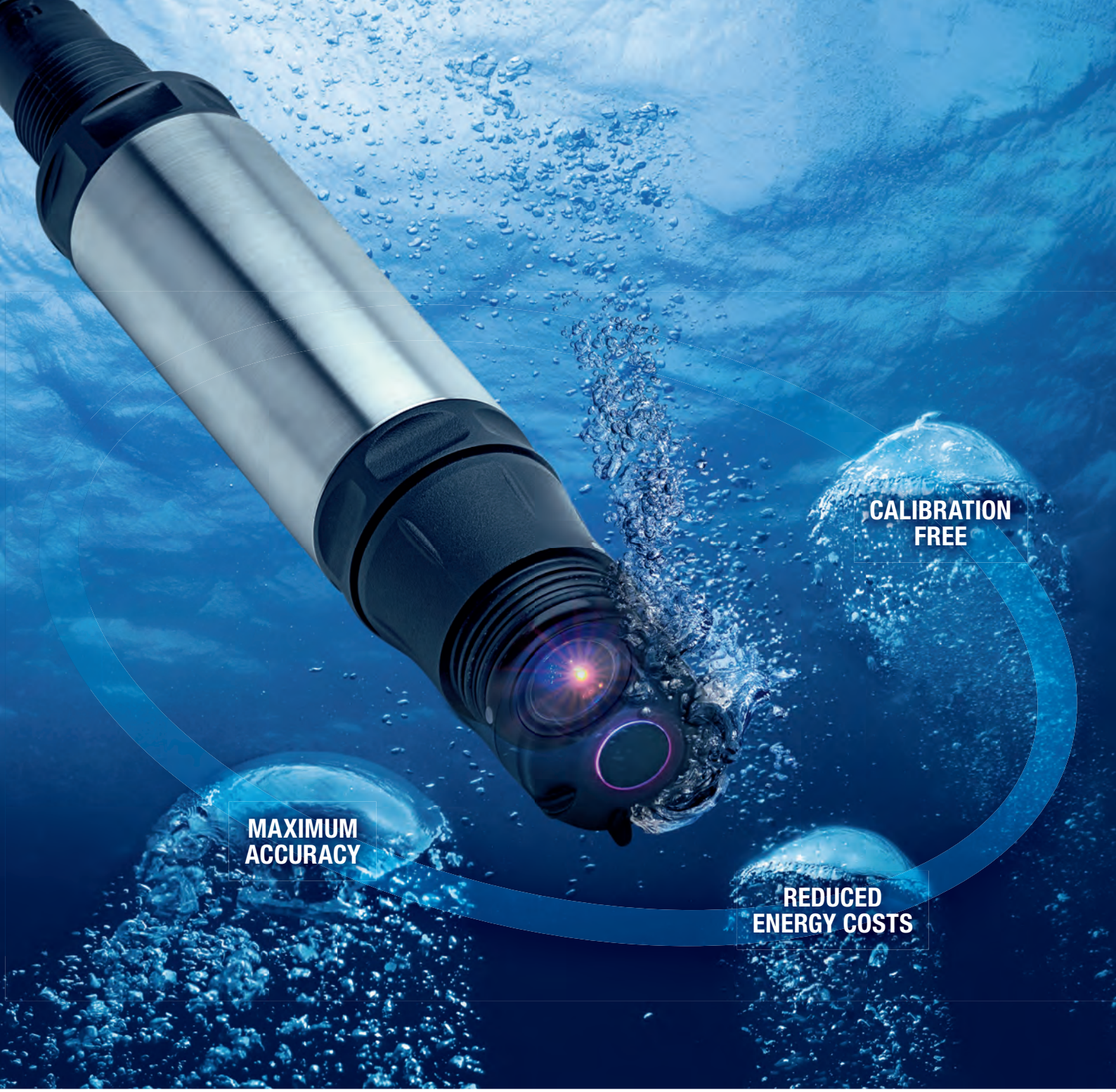


LDO sc – The latest LDO Generation

The best in dissolved oxygen measurements

Simpler, more accurate and more cost effective than ever before

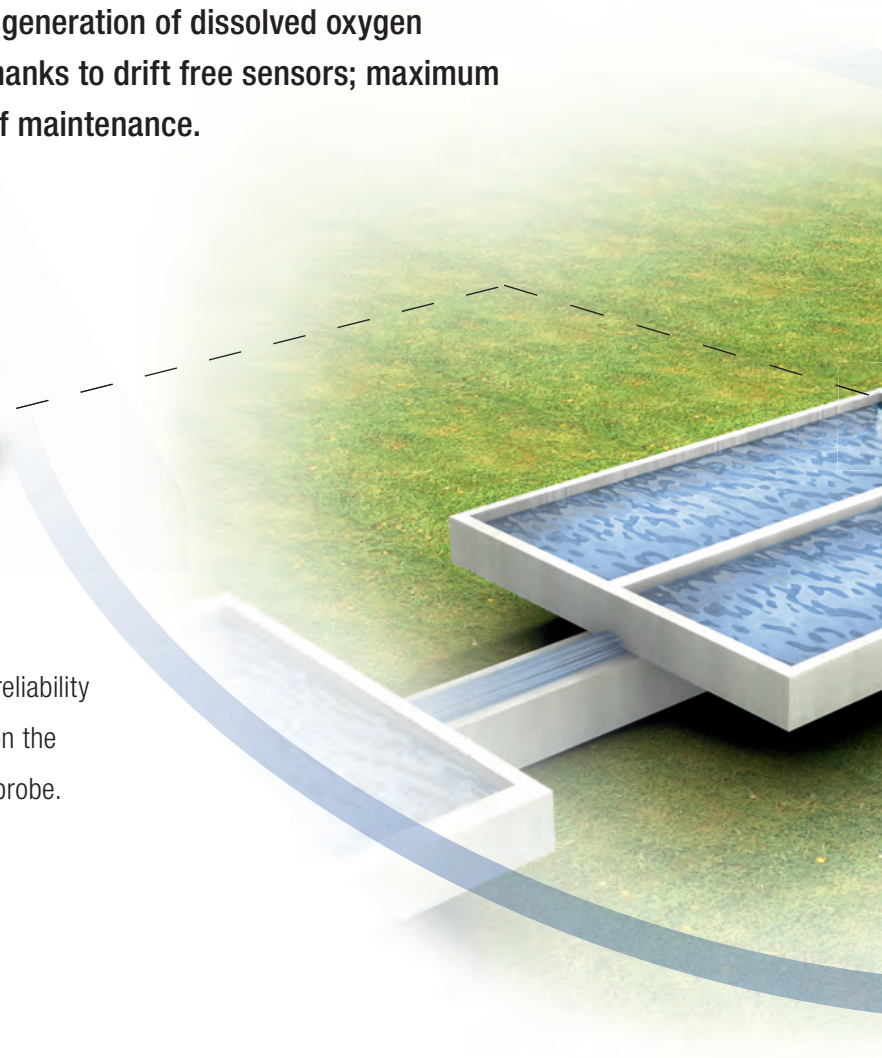
HACH LANGE

UNITED FOR WATER QUALITY

Reliable systematic operation: The LDO sc

The new LDO sc represents the latest generation of dissolved oxygen measurements. No more calibration thanks to drift free sensors; maximum reliability with the minimum amount of maintenance.



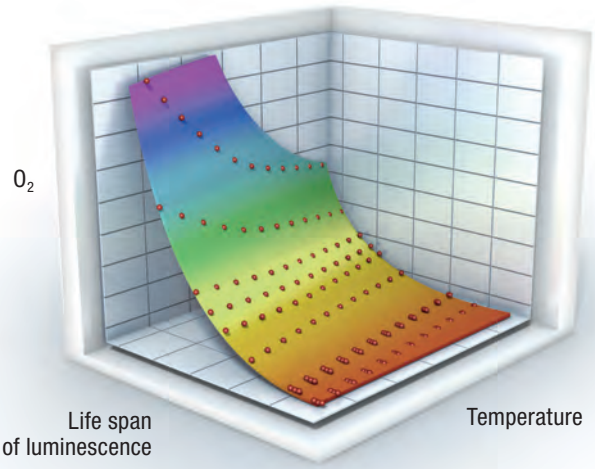


Increased reliability with a new 3 year warranty

A longer service life and increased operational reliability means the new LDO sc has a 2 year warranty on the sensor cap and a NEW 3 year warranty on the probe.

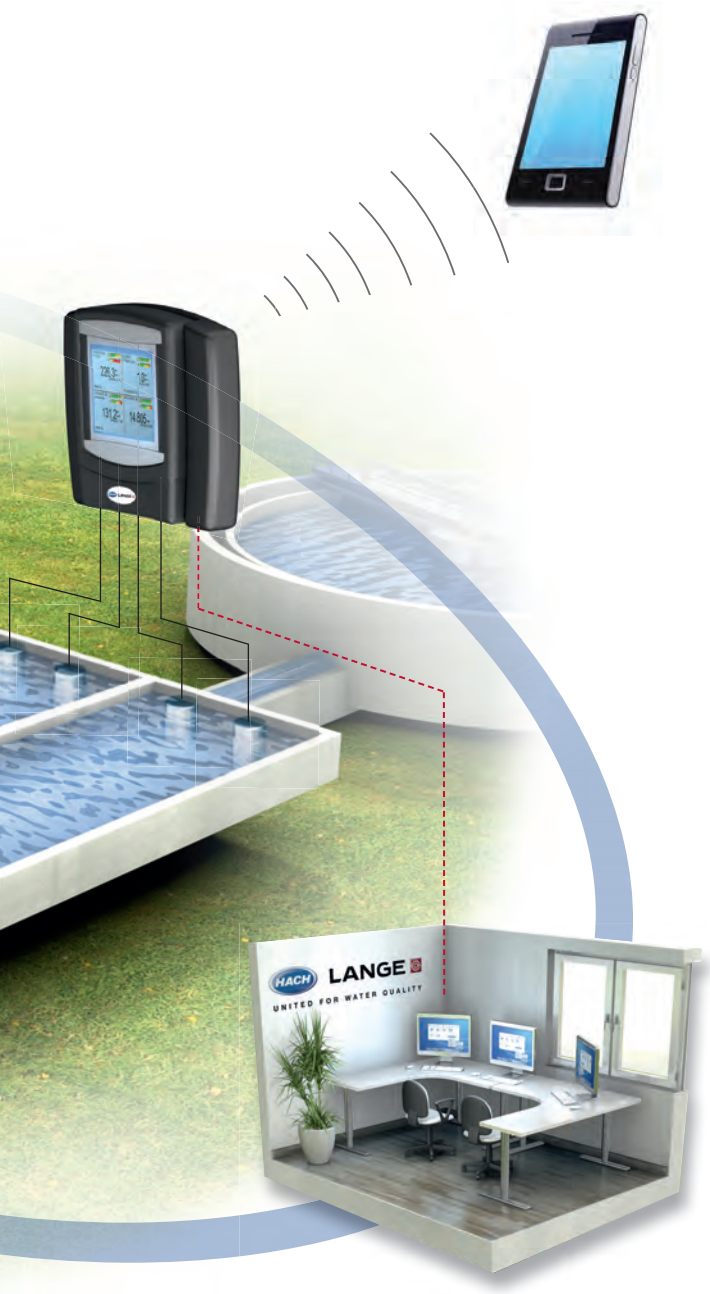
Accurate O_2 measurements

The new optimised temperature sensor and 3D sensor calibration ensures the most efficient way to measure dissolved oxygen.



The latest technology, with minimal costs

The outstanding accuracy of optical LDO technology provides a high level of reliability and precision. Saving operators time whilst reducing energy consumption.



Remote functionality: real-time data

The telemetry function transfers data easily via the Internet and SMS. Thus ensuring simple and reliable remote diagnostics, even on unmanned plants!

Full documentation: our validation service

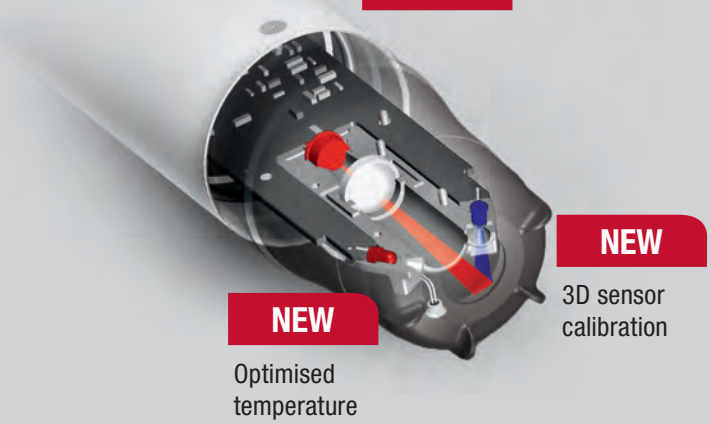
Do your quality standards require an external quality assurance review? The HACH LANGE validation service confirms the accuracy of the LDO sc probe.

Advance warning with PROGNOSYS

The exceptional PROGNOSYS early warning system plans ahead and provides you with information on the current health of your sensor and its readings. Special safety features include the inspection reminder function.

3 year warranty on the probe

NEW



NEW

3D sensor calibration

NEW

Optimised temperature sensor

Key features – LDO sc probe

- **Alerts & data transfer**

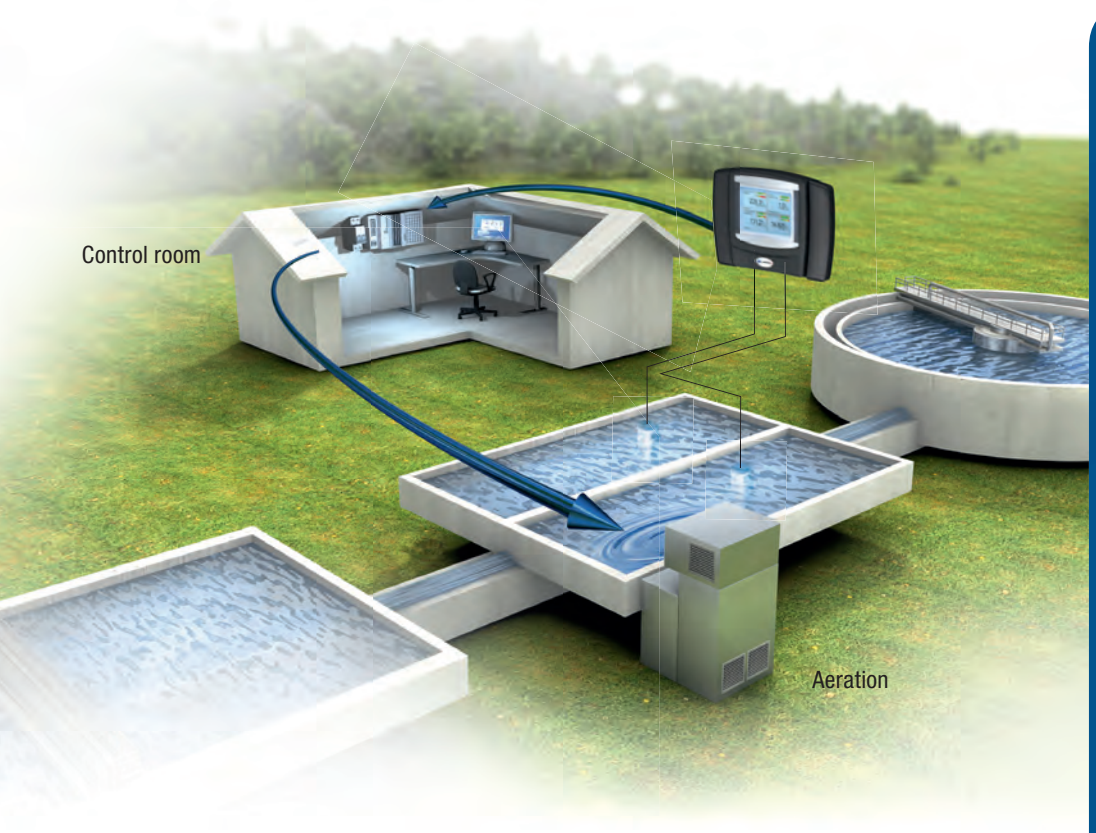
  PROGNOSYS early warning system, health monitor and remote functions

- **Outstanding accuracy**

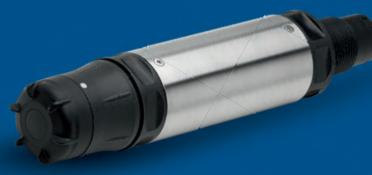
  Temperature controlled 3D calibration

- **Reduced operational costs**

  Reliable optimisation of energy consumption



LDO sc probe: Technical data



- **Oxygen measurement range:**
  0–20 mg/L
- **Oxygen measurement accuracy:**
  0–5 mg/L ±0.1
  5–20 mg/L ±0.2
- **Temperature measurement range:**
  0–50 °C
- **Warranty:**
  Probe: 3 years
  Sensor cap: 2 years

Subject to change.

Optimise plant processes to save operational expenditure

With low operating costs and exceptional stability, the LDO sc probe can exploit the economic and technical advantages of the WTOS system. WTOS is the real time control of all aspects of your wastewater process including nitrification, phosphate elimination and sludge management. If the wastewater composition changes, WTOS will immediately re-adjust/reset the process target values agreed, whilst maintaining consent limits and reducing your energy costs.

HACH LANGE – specialists in water analysis

Everything from a single supplier
From Instrumentation out in the field or in the lab, to sampling, reagents, accessories and consumables. HACH LANGE provides all you need for your water analysis.

For every application
We supply you with tailor-made solutions for reliable monitoring of wastewater, drinking water and process water.

Parameters from A–Z
From Ammonium to Zinc. Consistently user friendly solutions; proven in daily practice. Our customers know they can rely on HACH LANGE for their water analysis; from sample preparation to quality control.

DOC033.52.03208.Jan12

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