# DISSOLVED OXYGEN (DO) METER MICROPROCESSOR BASED AL-36D

Code: AL-36D GST: 18% Brand: AVAIN LABS










AVAIN LABS® DISSOLVED OXYGEN (DO) METER MICROPROCESSOR BASED AL-36D

The AVAIN LABS® Dissolved Oxygen (DO) Meter Microprocessor Based AL-36D is a high-quality digital dissolved oxygen meter designed for accurate and convenient measurement of dissolved oxygen in water and aqueous solutions. Equipped with a British-made dissolved oxygen sensor, the AL-36D is suitable for laboratory testing, water quality analysis, educational laboratories, environmental studies, and scientific applications.

The microprocessor-based design provides convenient operation and supports 1-point or 2-point automatic calibration, allowing users to calibrate the instrument according to their testing requirements.

## Key Features

- Microprocessor-based Dissolved Oxygen (DO) Meter
- Model: AL-36D
- High-quality British-made DO sensor
- 1-point or 2-point automatic calibration
- 1-point calibration at 100% saturation in saturated air or air-saturated water
- 2-point calibration using 100% saturation and 0% oxygen in zero-oxygen solution
- Dissolved oxygen measurement range: 0.00–20.00 mg/L or ppm
- Designed for convenient and reliable dissolved oxygen measurement
- Suitable for laboratory and educational applications
- Useful for water quality and environmental analysis

## Automatic Calibration

The AVAIN LABS® AL-36D DO Meter supports 1-point or 2-point automatic calibration for convenient instrument setup.

For 1-point calibration, the meter can be calibrated at 100% dissolved oxygen saturation using saturated air or air-saturated water.

For 2-point calibration, the instrument can be calibrated at both 100% saturation and 0% oxygen using a zero-oxygen solution. This provides flexibility for users requiring different calibration procedures.

## Dissolved Oxygen Measurement Range

The AL-36D measures dissolved oxygen over a range of:

0.00–20.00 mg/L or ppm

This range makes the instrument suitable for a variety of water-quality and laboratory testing applications where dissolved oxygen concentration is an important parameter.

## British-Made DO Sensor

The meter is supplied with a high-quality British-made dissolved oxygen sensor, providing a dependable sensing solution for dissolved oxygen measurement. The sensor is designed for use with the microprocessor-based AL-36D meter in laboratory and water-analysis applications.

## Applications

The AVAIN LABS® Dissolved Oxygen Meter AL-36D can be used for dissolved oxygen testing in applications such as:

- Water Quality Analysis
- Environmental Testing
- Educational & Physics/Chemistry Laboratories
- Biology & Life Science Laboratories
- Aquaculture & Fishery Studies
- Wastewater & Water Treatment Studies
- Research Laboratories
- Scientific Testing & Demonstrations
- Academic and Industrial Water Analysis

## Technical Specifications

## Specifications

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|---|---|
| **Product Type** | Dissolved Oxygen (DO) Meter |
| **Model** | AL-36D |
| **Technology** | Microprocessor Based |
| **DO Sensor** | High-Quality British-Made Sensor |
| **Oxygen Range** | 0.00–20.00 mg/L or ppm |
| **Calibration** | 1-Point or 2-Point Automatic Calibration |
| **1-Point Calibration** | 100% in saturated air or air-saturated water |
| **2-Point Calibration** | 100% and 0% using zero-oxygen solution |

## Available models (3)

| Cat. No. | Size | HSN |
|---|---|---|
| AL-36D-S1 | 100 g | |
| AL-36D | | |
| AL-36D-S2 | 1 kg | |

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