# Pocket Dissolved Oxygen Meter DO-66

Code: DO-66 HSN: 90278090 GST: 18% Brand: AVAIN LABS










AVAIN LABS® Pocket Dissolved Oxygen Meter DO-66

AVAIN LABS® Pocket Dissolved Oxygen Meter DO-66 is a compact and portable digital instrument designed for accurate measurement of dissolved oxygen (DO), oxygen saturation, and temperature in water and liquid samples. Its pocket-sized design makes it suitable for laboratories, water-quality testing, aquaculture, environmental monitoring, educational institutions, research facilities, and field testing.

The DO-66 uses a thin-film dissolved oxygen electrode and an electronic unit with automatic temperature compensation (ATC) for convenient and reliable measurements. It can display dissolved oxygen in both mg/L (ppm) and % saturation, making it versatile for a variety of water-analysis applications.

## Key Features

- Brand: AVAIN LABS®
- Model: DO-66
- Product: Pocket Dissolved Oxygen Meter
- Type: Portable / Pen-Type Digital DO Meter
- Measurement: Dissolved Oxygen, Oxygen Saturation & Temperature
- Sensor: Thin-Film Dissolved Oxygen Electrode
- Temperature Compensation: Automatic Temperature Compensation (ATC)
- Display: LCD Digital Display
- Design: Compact and Portable
- Applications: Laboratory, field, water-quality, aquaculture, environmental and educational testing

## Technical Specifications

The specifications above correspond to published DO-66 technical specifications for this model.

## Automatic Temperature Compensation

The AVAIN LABS® DO-66 incorporates automatic temperature compensation over 0–50°C, helping provide more reliable dissolved oxygen measurements when sample temperature changes. The instrument simultaneously supports temperature measurement for convenient water-quality analysis.

## Portable & Easy to Use

With dimensions of approximately 207 × 32 × 36 mm and a lightweight design, the DO-66 is convenient for both laboratory and on-site measurements. The digital LCD display provides easy-to-read results, while the selectable DO units allow readings to be viewed in mg/L or % saturation.

## Applications

AVAIN LABS® Pocket Dissolved Oxygen Meter DO-66 is suitable for:

- Water-quality testing
- Environmental monitoring
- Aquaculture and fish farming
- Aquarium water testing
- Laboratory water analysis
- Wastewater testing
- Educational laboratory experiments
- Research and development
- Field water testing
- Industrial water-quality monitoring
- Dissolved oxygen measurement in liquid samples

## Why Choose AVAIN LABS® DO-66?

The AVAIN LABS® Pocket Dissolved Oxygen Meter DO-66 combines portable design, digital measurement, automatic temperature compensation, dual DO measurement units, and a thin-film dissolved oxygen sensor in a convenient pocket-style instrument. Its compact size and broad measurement capability make it a practical choice for routine dissolved oxygen testing in laboratories and field environments.

## Specifications

| | |
|---|---|
| **Dissolved Oxygen Range** | 0.0–16.50 mg/L (ppm) / 0–199.9% |
| **DO Resolution** | 0.01 mg/L (ppm) / 0.1% |
| **DO Accuracy** | ±1.5% F.S. |
| **Temperature Range** | 0–50°C (32–122°F) |
| **Temperature Resolution** | 0.1°C |
| **Temperature Accuracy** | ±1°C |
| **Temperature Compensation** | Automatic, 0–50°C |
| **Response Time** | <=15 seconds |
| **Residual Current** | <=0.15 mg/L |
| **Power Supply** | 2 × 1.5V AAA batteries |
| **Working Temperature** | 0–50°C |
| **Dimensions** | 207 × 32 × 36 mm |
| **Weight** | Approx. 85 g (without batteries) |

## Available models (3)

| Cat. No. | Model / Size | Size | Meas... | Tem... | Reso... | HSN |
|---|---|---|---|---|---|---|
| DO-66-S1 | Small | Small | | | | 90278090 |
| DO-66-S2 | Large | Large | | | | 90278090 |
| DO-66 | 0 to 199.9%, 0 to 16.50 mg-l, 0 to 50°C, 0.1%, 0.01 mg-l 0.1°C, ±2% F.S, 1 point (screw type), 0 to 80°C, 2 x 1.5 V (AAA), 185 x 34 x 34 mm | | 0 to 1... | 0 to 5... | 0.1%,... | 90278090 |

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