# MICROPROCESSOR WATER & SOIL ANALYSIS KIT AL-38A

Code: AL-38A  GST: 18%  Brand: AVAIN LABS










AVAIN LABS® MICROPROCESSOR WATER & SOIL ANALYSIS KIT AL-38A

The AVAIN LABS® Microprocessor Water & Soil Analysis Kit AL-38A is a versatile laboratory testing instrument designed for water and soil analysis across multiple important parameters. This microprocessor-based analysis kit provides a convenient solution for educational laboratories, environmental testing, agricultural science, water quality studies, and field-based testing applications.

The 7-parameter Water & Soil Analysis Kit is designed for measurement of pH, Conductivity, mV, TDS, Salinity, Dissolved Oxygen (D.O.), and Temperature, making it a comprehensive instrument for routine water and soil analysis.

Its compact design, integrated accessories, data storage capability, USB computer interface, and optional external printer connectivity make the AL-38A suitable for both laboratory and field testing environments.

## Key Features

- 7-parameter water and soil analysis
- Measures: pH Conductivity mV TDS (Total Dissolved Solids) Salinity Dissolved Oxygen (D.O.) Temperature
- pH
- Conductivity
- mV
- TDS (Total Dissolved Solids)
- Salinity
- Dissolved Oxygen (D.O.)
- Temperature
- Microprocessor-based operation
- 16 × 2 alphanumeric LCD display for clear parameter readings
- Battery cum mains operated for flexible laboratory and field use
- Complete system supplied with accessories fitted in a convenient briefcase
- Data storage capacity of up to 1000 samples
- Facility for external printer attachment
- USB computer interface for data transfer and computer connectivity
- Compact and portable design
- Suitable for educational, environmental, agricultural, and laboratory applications

## Parameters Measured

## Data Storage & Connectivity

The AVAIN LABS® AL-38A Water & Soil Analysis Kit features an internal data storage facility for up to 1000 samples, allowing test results to be stored for later reference. An external printer attachment facility is also available for producing hard copies of recorded measurements.

The built-in USB computer interface provides convenient connectivity with a computer for data management and analysis, making the instrument suitable for laboratories that require organized digital record keeping.

## Portable Briefcase Design

The complete water and soil analysis system is supplied with its accessories fitted inside a convenient carrying briefcase. The portable arrangement makes the kit suitable for laboratory work as well as field-based water and soil testing applications.

## Applications

The AVAIN LABS® Microprocessor Water & Soil Analysis Kit AL-38A can be used for:

- Water quality analysis
- Soil testing and analysis
- Environmental monitoring
- Agricultural science laboratories
- Soil and water research

## Specifications

| | |
|---|---|
| **pH** | Measurement of acidity or alkalinity |
| **Conductivity** | Evaluation of electrical conductivity |
| **mV** | Millivolt measurement |
| **TDS** | Measurement of total dissolved solids |
| **Salinity** | Determination of dissolved salt concentration |
| **D.O.** | Measurement of dissolved oxygen |
| **Temperature** | Measurement of sample temperature |

## Available models (3)

| Cat. No. | Model / Size | Size | HSN |
|---|---|---|---|
| AL-38A-S1 | 100 g | 100 g | |
| AL-38A-S2 | 1 kg | 1 kg | |
| AL-38A | Standard | | |

Scan for details & enquiry