MICROPROCESSOR DIGITAL CALORIMETER AL-31B

Code: AL-31B GST: 18% Brand: AVAIN LABS









AVAIN LABS® MICROPROCESSOR DIGITAL CALORIMETER AL-31B

The AVAIN LABS® Microprocessor Digital Colorimeter AL-31B is a high-performance Auto Photo Colorimeter designed for accurate and reliable colorimetric analysis in educational institutions, research laboratories, industrial laboratories, pharmaceutical industries, water testing facilities, and quality control applications. Built with advanced microprocessor technology, the AL-31B ensures fast, precise, and repeatable measurement results for a wide range of laboratory testing requirements.

Equipped with 8 high-quality glass filters and built-in electronic filters, the colorimeter provides exceptional accuracy across the 400 nm to 700 nm wavelength range, making it suitable for chemical analysis, environmental monitoring, water quality testing, and educational laboratory experiments.

The instrument features a convenient automatic zero setting function with finger-touch operation, reducing manual calibration time and improving measurement efficiency. Its easy-to-read 2½ digit LED display provides clear and precise reading visibility for routine laboratory analysis.

Designed for efficient sample handling, the AL-31B requires only 1 ml sample volume, helping minimize reagent consumption while maintaining high analytical accuracy.

Its compact design, microprocessor-controlled operation, and highly accurate optical system make it an ideal laboratory instrument for educational, industrial, and research applications.

Key Features

- Advanced Microprocessor-Based Auto Photo Colorimeter for precise colorimetric analysis.
- Equipped with 8 precision glass filters for accurate wavelength selection.
- Built-in electronic filters for stable and reliable measurement performance.
- Automatic zero setting with finger-touch operation for quick and convenient calibration.
- Wide wavelength range of 400 nm to 700 nm suitable for various laboratory applications.
- Bright and easy-to-read 2½ digit LED display for accurate result interpretation.
- Requires only 1 ml sample size, reducing reagent and sample consumption.
- Highly accurate, stable, and repeatable analytical performance.
- Compact and robust design suitable for daily laboratory use.
- User-friendly operation for educational and professional environments.

Applications

- Chemical and analytical laboratories
- Educational institutions and science laboratories
- Water and wastewater analysis
- Pharmaceutical laboratories
- Food and beverage quality control
- Environmental testing laboratories
- Research and development facilities
- Industrial quality control laboratories

Ideal For

- Schools and colleges
- Universities and research institutions
- Pharmaceutical companies
- Water treatment laboratories
- Industrial testing facilities
- Government and private laboratories

The AVAIN LABS® Microprocessor Digital Colorimeter AL-31B combines advanced microprocessor technology, precision optics, and user-friendly operation, making it an excellent choice for laboratories seeking accurate, reliable, and efficient colorimetric analysis solutions.

Available models (3)

Cat. No.	Model / Size	Size	HSN
AL-31B-S1		100 g	
AL-31B-S2		1 kg	
AL-31B	7600-- MICROPROCESSOR DIGITAL CALORIMETER (without ? Auto Photo CALORIMETER 8 Glass filters with facility for battery)		

Scan for details & enquiry