DIGITAL PHOTO FLUOROMETER AL-37A

Code: AL-37A GST: 18% Brand: AVAIN LABS









AVAIN LABS® DIGITAL PHOTO FLUOROMETER AL-37A

The AVAIN LABS® Digital Photo Fluorometer AL-37A is a laboratory instrument designed for the measurement and analysis of fluorescent substances (fluorophores). It is suitable for educational, research, pharmaceutical, biochemical, and analytical laboratory applications where fluorescence-based measurement is required.

The Digital Photo Fluorometer can be used to measure fluorophores such as vitamins, quinine, steroids, and metals, making it a versatile instrument for a range of analytical and educational applications.

The instrument is supplied with 2 primary filters and 3 secondary filters, mounted on convenient filter holders for selecting the appropriate optical configuration during measurement. Results are clearly displayed on a 3-digit, 7-segment LED display, while the instrument provides four sensitivity ranges for flexible measurement.

Key Features

- AVAIN LABS® Digital Photo Fluorometer AL-37A
- Digital instrument for fluorescence measurement
- Designed for measurement of various fluorophores
- Suitable for analysis of vitamins, quinine, steroids, and metals
- Supplied with 2 primary filters
- Supplied with 3 secondary filters
- Filters supplied with dedicated filter holders
- Results displayed on a clear 3-digit, 7-segment LED display
- 4 sensitivity ranges for flexible measurement
- Suitable for educational, research, pharmaceutical, biochemical, and analytical laboratories
- Practical instrument for fluorometry and fluorescence-based analysis

Fluorophore Measurement

The AL-37A Digital Photo Fluorometer is designed to help users study substances that exhibit fluorescence. Fluorescent compounds can absorb light at a particular wavelength and emit light at another wavelength, allowing their presence or concentration to be studied through fluorescence measurements.

The instrument can be used for demonstrations and analytical work involving fluorophores such as vitamins, quinine, steroids, and metals, depending on the selected filters and application requirements.

Filter System

The instrument is supplied with a versatile filter arrangement consisting of:

- 2 Primary Filters
- 3 Secondary Filters
- Filter holders for convenient filter selection

This filter system allows users to select suitable optical filters for different fluorescence measurement applications.

Digital Display & Sensitivity

Measurement results are displayed on a 3-digit, 7-segment LED display, providing a clear and easy-to-read digital output.

The instrument features four sensitivity ranges, allowing users to select an appropriate sensitivity level according to the measurement requirement and sample characteristics.

Applications

The AVAIN LABS® Digital Photo Fluorometer AL-37A is suitable for a variety of laboratory and educational applications, including:

- Biochemistry Laboratories
- Pharmaceutical Laboratories
- Research Laboratories
- Analytical Laboratories
- College & University Laboratories
- Science Education & Demonstrations

Available models (3)

Cat. No.	Model / Size	Size	HSN
AL-37A-S1	100 g	100 g	
AL-37A-S2	1 kg	1 kg	
AL-37A	Standard		

Scan for details & enquiry