DIGITAL FLAME PHOTOMETER (SINGLE CHANNEL) AL-10E

Code: AL-10E GST: 18% Brand: AVAIN LABS







AVAIN LABS® DIGITAL FLAME PHOTOMETER (SINGLE CHANNEL) AL-10E

The AVAIN LABS® Digital Flame Photometer (Single Channel) – Model AL-10E is a reliable and accurate laboratory instrument designed for the quantitative determination of Sodium (Na) and Potassium (K) in clinical, pharmaceutical, agricultural, environmental, food, and research laboratories.

The AL-10E features a single-channel measurement system with interchangeable Na and K filters, providing precise analysis of individual elements with excellent accuracy and repeatability. The instrument displays results directly in ppm (Parts Per Million) on a bright 2½-digit LED display, enabling quick and easy interpretation of test results.

Supplied complete with an air compressor and standard laboratory accessories, the AL-10E is ready for immediate installation and operation. The automatic ignition system ensures safe, convenient, and reliable flame ignition, while its stable flame and precision optics deliver consistent analytical performance.

For laboratories requiring additional elemental analysis, Calcium (Ca) and Lithium (Li) filters are available on request at an additional cost, providing greater flexibility for specialized applications.

Designed for durability, ease of use, and dependable performance, the AVAIN LABS® AL-10E is an ideal solution for routine laboratory testing, quality control, and educational applications.

Key Features

- Single-channel flame photometer
- Supplied with Sodium (Na) and Potassium (K) filters
- Direct ppm result display
- Bright 2½-digit LED display
- High accuracy and excellent repeatability
- Automatic flame ignition (Auto Ignition)
- Stable flame for reliable measurements
- Complete with air compressor and standard accessories
- Simple calibration and user-friendly operation
- Rugged, compact laboratory design
- Low maintenance and long service life
- Optional Calcium (Ca) and Lithium (Li) filters available on request

Technical Specifications

Applications

- Clinical Laboratories
- Diagnostic & Pathology Laboratories
- Pharmaceutical Quality Control
- Food & Beverage Testing
- Agricultural Laboratories
- Soil & Water Analysis
- Environmental Testing
- Chemical Industries
- Biotechnology Laboratories
- Educational Institutions
- Research & Development Laboratories

Why Choose AVAIN LABS® AL-10E?

- Accurate analysis of Sodium and Potassium.
- Direct ppm display for quick result interpretation.

Specifications

Brand	AVAIN LABS®
Model	AL-10E
Product Type	Digital Flame Photometer (Single Channel)
Standard Filters	Sodium (Na) & Potassium (K)
Display	2½ Digit LED Display
Result Display	Direct Reading in ppm
Ignition System	Automatic Ignition
Accessories	Air Compressor & Standard Accessories Included
Optional Filters	Calcium (Ca) & Lithium (Li) (Available on Request)
Power Supply	220–230V AC, 50 Hz

Available models (3)

Cat. No.	Model / Size	Size	HSN
AL-10E-S1		100 g	
AL-10E-S2		1 kg	
AL-10E	36000-- Digital Flame Photometer (single Channel)		

Scan for details & enquiry