



# Flame Photometer

## Flame Photometer LFP Series

Labodam LFP Series is economical and ideal, designed to cover a varied measurement range of Potassium from 0-156 ug / mL and Sodium from 0-184 ug / mL. Pre-selection of flame size is an added on advantage. It has a wide range of applications in industrial, clinical experiments and pathology research.

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### Features

- Flameout protection device
  - Small quantity of sample required
  - Dual channel to read K and Na testing simultaneously
  - Pre-opting of flame sizes
  - Flameout protection device
  - Environmental temperature is 10°C to 35°C
  - Relative humidity is ≤ 85%
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### Applications

Used for analyzing & measuring the content & concentration of K, Na elements. Testing cement, glass, ceramics, fertilizers and soil, mining, petroleum, chemical products, pharmaceutical, beverages, MSW testing, scientific research, health, education and other fields.

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### Specifications

Model No.	LFP-A10	LFP-A11	LFP-A20	LFP-A21	LFP-A22	LFP- A30	LFP-A40
Aspiration Rate	2 to 6 mL / min						
Air Supply	6 L / min at 11 psi (Oil and moisture free)						
Respond time	<8 s						
Sensitivity	K	0.156 ppm					
	Na	0.184 ppm					
	Li	-	Optional	0.1 ppm	-	-	0.1 ppm
	Ca	-	-	-	2 ppm	-	2 ppm
	Ba	-	-	-	-	6 ppm	-
Range	K	0-100 ppm					
	Na	0-160 ppm					
	Li	-	Optional	0-100 ppm	-	-	0-100 ppm
	Ca	-	-	-	0-1000 ppm	-	0-1000 ppm
	Ba	-	-	-	-	0-3000 ppm	-
Linearity	K	0.195 ppm ( 0.39-3.12 ) ppm					
	Na	0.69ppm ( 1.15-9.2 ) ppm					
	Li	-	Optional	0.15 ppm (0.25-5) ppm	-	-	0.15 ppm ( 0.25-5 ) ppm
	Ca	-	-	-	3 ppm (5-100) ppm	-	3 ppm ( 5-100 ) ppm
	Ba	-	-	-	-	9 ppm	-
Repeatability	1 % CV for 20 consecutive samples						
Dimension	770 * 560 * 390 mm						
Power supply voltage	( 220 ± 22 ) V						
Frequency	( 50 ± 1 ) HZ						
Gross weight	22 kg						