

SALIENT FEATURES AND BENEFITS

- Microprocessor based instrument
- Can simultaneously analyze Na, K, Li, Ca and Ba in single aspiration of the sample with proper removal of interferences
- Instrument can also be interfaced to a printer
- Optional PC compatibility with RS232C Interface
- Samples data storage facility

CL 378

- The instrument carries advanced features like automatic ignition, automatic gas shut off in case of a power failure

CL 361

- Self ignition through push button

APPLICATIONS

Determination of

- **In Bio-medical investigations:** Na & K in body fluids, Na, K and Li electrolytes in Serum. Ba in Fecal matter (from Barium meal, Barium swallow etc.)
- **In Pharmaceuticals:** Na, K & Ca nutrient solutions for cultivation of antibiotics
- **In Pollution Monitoring and Control:** Na, K & Ca in Natural, Spring, River, Sea boiler feed, Rinse and wastewater
- **In Food and Agriculture:** Na & K content in Soils, plant materials, food and beverages, Ca in wine
- **In Research Laboratories and Industries:** Alkali metal in pastes, Soda Glass, Ceramic and Chemical Industries, Na, K and Ca in Cement & its raw materials

SPECTROPHOTOMETRY



CL 378



CL 361

SPECIFICATIONS

PARAMETER

RANGE			
Sodium (Na)	1-100 ppm	0-200 mEq	
Potassium (K)	1-100 ppm	0-100 mEq	
Lithium (Li)	1-100 ppm	0-10 mEq	
Calcium (Ca)	15-100 ppm	0-5 mEq	
Barium (Ba)	50-1000 ppm		
mEq values are claimed with appropriate dilution			

LINEARITY	
Sodium (Na)	Better than 2%
Potassium (K)	
Lithium (Li)	
Calcium (Ca)	
Barium (Ba)	

FLAME SYSTEM	LPG & Oil-free dry air
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DETECTOR	Photodiode
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* For detailed specifications contact ELICO Corporate office / Branches

* Specifications subject to change due to continual development