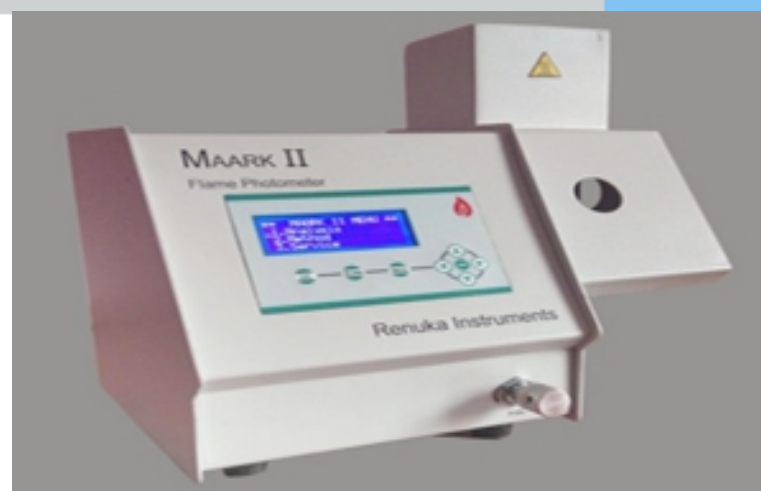


MAARK II

Flame Photometer provides the ultimate simplicity for ease of use

Renuka Instruments Maark II Flame Photometer



The Renuka Instruments **MAARK II** Flame Photometer is designed for rapid and accurate analysis for Agriculture, Fertilizer, Food and Water analysis industries.

Unique Features Of MAARK II

- ▶ New design with enhanced performance, high accuracy and fast reading.
- ▶ Simultaneous analysis up to two elements with auto filter selection facility.
- ▶ Up to 5 point Standard calibration curve fitting calculation of analysis result.
- ▶ 25 Analysis Methods can be stored in memory.
- ▶ Using Two functions keys, BLANK And CAL results are recalibrated during analysis.
- ▶ 25 results can be viewed in current analysis.



Renuka Instruments

Renuka Instruments Mark II

Flame Photometer

Technical Specifications

Measuring Modes	Concentration in PPM and raw counts
Operating range	Na 1 to 100 PPM
	K 1 to 100 PPM
(optional)	Ca 5 to 100 PPM
(optional)	Li 5 to 100 PPM
Sensitivity	1 PPM at 10 PPM fullscale

System Specifications

Nebulizer	All metallic flow type
Flame System	LPG and dry oil free air
Fuel Control	Precise fuel control with needle valve
Sample uptake rate	2-4 ml for single element
Detector	High Performance Silicon Photodiode
Spray Chamber	Inert Spray Chamber

Other Specifications

Dimensions	300 x 210 x 300 mm (L x W x H)
Display	4 x 16 Character alphanumeric Display
Weight	6 kg (Approx.)
Method Storage	Up to 25 methods
Concentration Calculation	Piecewise linear approximation
Keypad	Soft keys membrane keypad

Power

Power Requirement	90 to 240 VAC / 50 Hz.
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* Technical Specifications, Appearance and Model no. are subject to change without prior notice in keeping up with the state of art.

Office Address:

R.H.N. 17, Om Shivshakti housing Society
Siddheshwar Nagar, Dasak, Jailroad,
Nashik - 422101
Contact: +91 9822297843
+91 8237022961

Email: renukainstruments@gmail.com
Website: www.renukainstruments.com

