

Product Name :
Microprocessor Flame Photometer Advance**Product Code :**
ANY0004 LAB ENGINEERING**Description :**

Microprocessor Flame Photometer Advance

Technical Specification :

Microprocessor Flame Photometer is an ideal instrument for the determination of Sodium, Potassium, Calcium and Lithium. It uses the latest microcontroller technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The system has 3 calibration facility using curve fitting software. It has soft touch membrane keys for ease of operation. The solution is aspirated through an atomiser. Air, sample and the fuel are mixed in the mixing chamber which is then sprayed as a very fine mist into the flame. The color of the flame is changed depending upon the concentration of elements present. Radiations from the flame passes through the sensing system and specific narrow band interference filter which permits only the characteristic radiation to pass the photo-detector. The output of the photo-detector is then processed by the microcontroller and the final results displayed on the digital display. FEATURES : Extremely useful for medical and laboratory use High Accuracy using microcontroller technology Direct results in ppm and meq Compression unit: Air Supply : By oil free mini compressor unit with pressure regulator Combustion Gas LPG : Controlled by precision regulator.

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