

Product Name :
Flame Photometer For Testing Lab for Cement Testing Lab

Product Code :
NCMT-E23



Description :

Flame Photometer for Cement Testing - MICROPROCESSOR BASED FLAME PHOTOMETER is an ideal instrument for the determination of Sodium, Potassium, Calcium and Lithium. It uses the latest Micro-controller technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility. The System has 3 point 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 to the photo-detector. The output of the photodetector is then processed by the micro-controller and the final results are displayed on the digital display.

- 1) Extremely useful for medical and laboratory use
- 2) Highly Accurate using Microcontroller Technology
- 3) 3 Point Calibration using curve fitting software
- 4) Direct results in ppm and meq

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