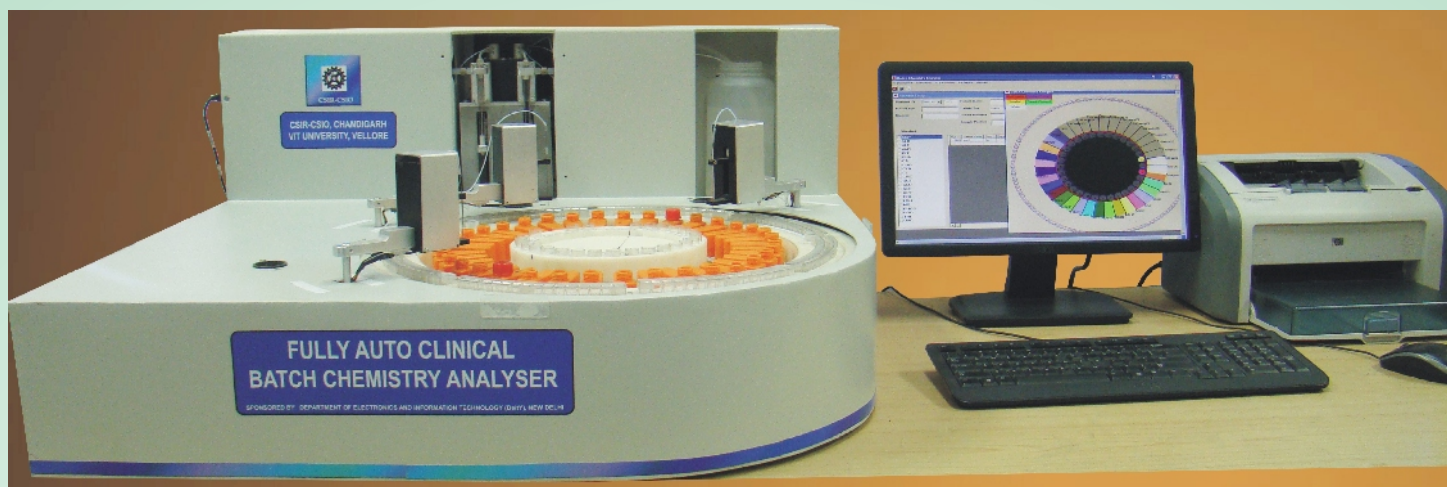


PC BASED FULLY AUTOMATIC BATCH ANALYSER



Clinical chemistry batch analyzer is a fully automatic system used to measure blood biochemical parameters such as blood glucose, urea, protein, creatinine, uric acid, cholesterol, etc. that are associated with disorders like diabetes, kidney disease, liver malfunctioning and other metabolic derangements. The quantization of these parameters is helpful in classifying such disease and under appropriate circumstances results of the system are used for diagnostic purposes.

Beneficiaries / Users

Clinical laboratories of hospitals, dispensaries and private diagnostic centers

Features

- 4 modes of test - Fixed Time, End Point, Bi-chromatic, Kinetic
- Testing with least amount of blood sample
- Programmable for any biochemical test parameter
- Can be used with reagents of any make
- Auto system preparation functions and Manual/Automatic Calibration modes
- High throughput
- Reduced contamination
- Results displayed on PC and printed out using printer
- UPS backup

Specifications:

Light source	: Halogen Lamp
Optics	: 7 Filters mounted on the rotor
Detector	: Silicon Photodiode
Cuvette	: 33 μ l Flow type
Temperature Control	: At 37°C \pm 0.1°C
Diluter	: Sample volume aspiration - 5 to 50 μ l with 1 μ l increment Reagent volume aspiration - 5 to 1000 μ l with 1 μ l increment
Sample Aspiration	: Aspiration volume programmable from 500 μ l to 1000 μ l
Capacity	: Removable reagent tray to contain upto 36 reagents; 30ml Removable sample tray to contain upto 32 samples; 0.8ml Eight segments of 16 reaction cells -128 reaction cells; 1.5ml

FOR FURTHER DETAILS, CONTACT

Director, CSIR - Central Scientific Instruments Organisation

Sector 30-C, Chandigarh- 160030, Tel: 0172-2657190 Fax: 0172- 2657257

E-mail: director@csio.res.in Webpage: www.csio.res.in

