Fully automatic biochemistry analyzer (FABCA) is a high performance micro-controller based Photometric biochemistry analyzer used to measure various blood biochemical parameters such as blood glucose, urea, protein, and bilirubin etc. that are associated with various disorders such as diabetes, kidney diseases, liver malfunctions and other metabolic derangement’s. The quantization of these parameters is helpful in diagnosing health disorder. In the proposed project work, it is planned to automate the filter selection, sample aspiration, auto-calibration and other related parameters to be controlled through micro-controller based hardware and software system. It is proposed to automate the sample handling system to cope up with the large no. of blood sample at a time. The modular design of automatic biochemistry analyzer (ABC) analyzer facilitate to be controlled via laptop or PC by using.

The global Biochemical Analyzer market was valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025. This report focuses on Biochemical Analyzer volume and value at global level, regional level and company level. From a global perspective, this report represents overall Biochemical Analyzer market size by analyzing historical data and future prospect. Regionally, this report categorizes the production, apparent consumption, export and import of Biochemical Analyzer in North America, Europe, China, Japan, Southeast Asia and India.

For each manufacturer covered, this report analyzes their Biochemical Analyzer manufacturing sites, capacity, production, ex-factory price, revenue and market share in global market.

The following manufacturers are covered:
- Beckman Coulter
- Hitachi
- Roche
- KHB
- Thermo Scientific
- Dnui
- Toshiba
- Gaomi Caihong
- Sunostik
- Urit
- Mindray Medical
- Abbott
- Senlo
- Tecom Science
- Siemens Healthcare
- Rayto
- Segment by Regions
  - North America
  - Europe
  - China
  - Japan
  - Southeast Asia
  - India
- Segment by Type
  - Floor-standing
  - Bench-top
- Segment by Application
  - Primary Hospital
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