17/MHS06/051

WHAT ARE AUTOMATIC ANALYSERS?

An automatic analyser is a medical laboratory instrument designed to measure different chemicals and other characteristics in a number of biological samples quickly, with minimal human assistance. These measured properties of blood and other fluids may be useful in the diagnosis of disease.

HOW TO MAINTAIN AUTOMATIC ANALYSERS IN ABUAD MULTI SYSTEM HOSPITAL

1 Only one test type can be performed at each time.

2 Each cuvet must be uniformly matched to each other to maintain quality handling of each sample.

3 Mixtures from different specimens should be kept in individual reaction cuvettes.

4 The analyser should be kept at a temperature required by the manufacturer.

5 It is preferable to place as many assays on a single analyser.

6 The sampler probe under the analyser lid should always be maintained so as to ensure proper picking of each samples.

7 Sudden shutdown should be avoided when making use of the automatic analyser.

8 The automatic analyser and its environment should always be kept clean.

9 The source of power of the automatic analyser should always be stable.