

Blood Analyzers

Blood, on which life depends, also contains a wealth of information on the body through which it courses.

From the simplest to the most complex of blood tests, vital data can be obtained on the uniqueness and well-being of the individual. From blood type, so essential in the event of a transfusion, to a

blood count, an indicator of hidden illness, an intimate insight is essential. Analysis of blood may be essential to determine the amount and distribution of drugs or other potentially toxic substances in the blood.

Blood analysis provides a variety of other important information on its make-up, including such es-

sential data as the level of lipids like triglycerides and cholesterol fats in the blood which may be contributing to accelerated atherosclerosis or hardening of the arteries.

The more insidious the state of the illness the more information may be needed on blood and its circulating components. And in today's increasingly busy hospitals and clinics that takes time.

Several Canadian companies, including Équiment Moniteur Inc. of St. Eustache, Quebec, produce the latest in automated blood chemistry analyzers.

It manufactures a biochemical analyzer that works round the clock, seven days a week, thus avoiding the need for separate analyzers. Its unit, employing a special reagent dispensing system using one pump per reagent, eliminates any possibility of cross-contamination problems.

Pre-coded patient identification labels guard against error. The label is fixed to the "cuvet" holder and a bar-code identifies the patient sample. Each position on the holder corresponds to a specific analysis and each holder can handle up to eight chemistry readings.

The analyzer operates at a fixed rate of 80 patients an hour, regardless of the number of chemistry tests required.



The "Concept 2000" blood analyzer manufactured by Équiment Moniteur Inc. of St. Eustache, Quebec.