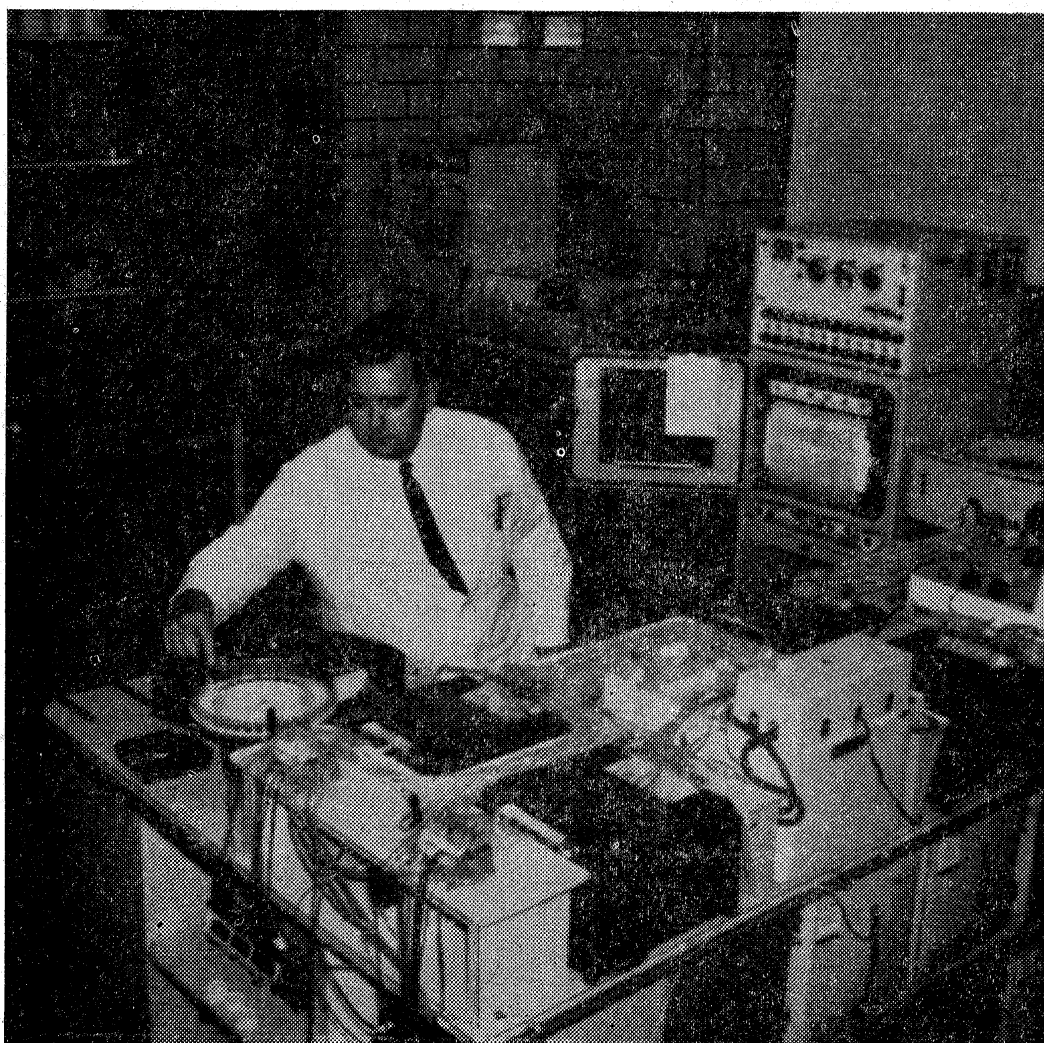




Dr. PRIBOR. Why a computer? The data gathered by newer analytical instruments is quite voluminous. Operating manually, medical technologists would have to spend increasing amounts of their time just handling data, and if we generate more and more data we would simply overload them.

Here is the computer we are discussing. Actually it has many of the desirable features that are found in the laboratory instrument computer.

(The illustration referred to appears on next page.)

Dr. PRIBOR. Dr. George Williams, Chief of the Clinical Pathology Department of the National Institutes of Health, in a recent talk said, and I quote:

Development and field evaluation of modular automated laboratory data processing systems is essential to permit adaptation to both small hospitals and large centralized laboratories. Two types of systems are minimal, one for the special purpose of hospital patient care, and the other for multiphasic diagnostic or screening use.