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Capital Equipment

Magnetic Tape Selectric Typewriter

The documentation of reports is an essential product of the teaching and research functions of the Department. Such documentation requires repeated reproduction and an error-free text, particularly for statistical computational information. The MT/ST provides the facility for storage of text, tables, and statistical data for repeated reproduction in a variety of formats. Instruments of this kind can, with an adequate supply of inexpensive storage tapes, provide for periodic updating of departmental reports. A single instrument can service from 6 to 15 scientists (estimate based on prior experiences at two similar psychiatric facilities).

Display Monitor Model 613 Tektronix (Hard Copy Unit 4610 Tektronix)

Equipment now available to the Department of Psychiatry provides for data processing of neurophysiological analog data for studies and treatment of psychiatric patients. Data input laboratories are established at each clinical unit of the Department. The central processor has only a line printer as a hard-copy output. This does not permit graphic display, although programs are available. These two units, Display Monitor and Hard Copy Unit, are additions to the available equipment to provide graphic summaries of physiological data analyzed by the central processor for use at distant installations--our clinical centers. Such units must be modified for the central processor, and rental is not an economical course.

PDP 11-40 Controller

Teaching functions in neurophysiological assays in clinical psychiatry require that students become acquainted with controlled

experimentation and controlled data processing. The PDP 11-40 allows the systematic presentation of stimuli and the recording of responses of up to 8 concurrent experiments, either in patients or volunteers. This processor will be used in teaching medical candidates and post-doctoral candidates. The instrumentation also makes possible the systematic recording of neurophysiological data with identification of stimuli on the recording tape, such that statistical processing will be possible.

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