**RECORDING POTentiOMETER** can be adapted to handling from 2 to 24 channels by means of plug-in adapter units. Change to a different work load requires changing a plug-in unit, a dial indicator, and a print wheel. According to the manufacturer, this change can be completed in 3 min. Adaptation to various transducers and change of range can also be simply accomplished. Accuracy is 0.25 percent. (Weston Instruments Division, Daystrom Inc., Dept. 364)

**FLUTTERMETER** permits fine adjustment of recorder drives. To measure flutter, a prerecorded nominally 1000-cy/sec signal is played through the recorder. The fluttermeter amplifies frequency modulation of the signal by the recorder and indicates percentage of variation on its output meter in two ranges: 0 to 1.5 and 0 to 3.0 percent. Sensitivity is better than 30 mv. (Kay Electric Co., Dept. 365)

**ACID PUMP** of polyethylene attaches to 5-pt reagent bottle. Acid is delivered at 1000 ml/min by light, rapid squeezes of a plastic bottle that is part of the pump. Pressure on a relief valve stops flow without drip. (Fisher Scientific Co., Dept. 366)

**PERFORATED TAPE READER** is transistorized. The device will read five-, six-, seven-, or eight-level tapes at rates up to 1000 characters per second. Starting time is 3 msec, stopping time 0.2 msec. Tapes are read by photodiodes. (Potter Instrument Co., Inc., Dept. 362)

**MELTING-POINT APPARATUS** provides for simultaneous viewing of five capillary samples in a well-lighted, unobstructed field. A standard beaker is used as a container for the silicone-fluid heating bath. Electric heating is controlled by an auto-transformer. A compressed-air fitting permits connection to an air line for rapid cooling. Capillaries are vibrated to insure uniform packing of the sample, and an adjustable stirrer provides uniform bath temperature. (Arthur H. Thomas Co., Dept. 383)

**VACUUM LEAD-THROUGH TERMINAL** is comprised of a high-alumina ceramic insulator fused to a metal lead-through pin. The terminal is designed to be used with soft solders or with hard solders at temperatures up to 1400° F. Various pin configurations are available. (Thermo Materials, Dept. 371)

**RECORder plots** "on" time against total time on a 6- by 14-in. chart mounted on a drum. An accessory base provides digital display of the same information. (Gorrell & Gorrell, Dept. 375)

**JOSHUA STERN**
National Bureau of Standards

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