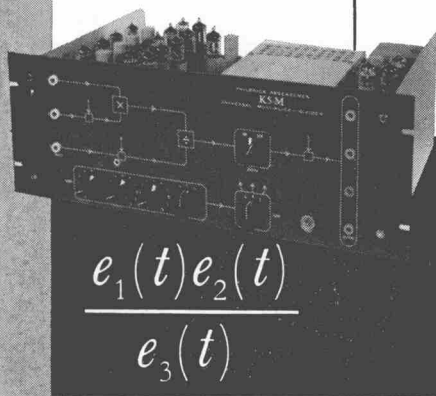


# The plus is precision!



## NEW analog multiplier- divider by Philbrick

This is Philbrick's K5-M — which provides improved long term stability. Accuracy, including drift, is better than 0.10v in all 4 quadrants.

### FEATURES:

- Accepts 3 variable inputs  $e_1, e_2, e_3$  and yields  $e_1 e_2 / e_3$
- 3-digit decade provides adjustable scaling voltage
- Useful response even beyond 10 kcps.
- Needs no auxiliary equipment to obtain products, ratios, squares, square roots, etc.
- Requirements: 115vac filament power; 110ma at  $\pm 300$ vdc
- Mounts on standard 7" rack panel

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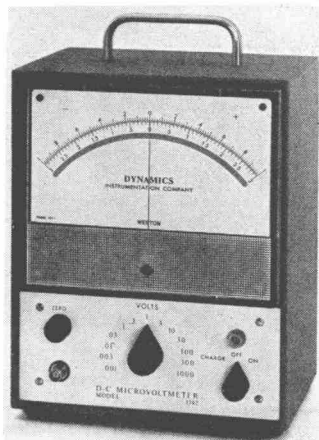
exposed on the film of the camera being tested at a speed of 5 frames/sec. Length of the path traced on any given frame of the film by the rotating light spot can be read along the scale as the shutter-open time.

The shutter-closed interval between any two consecutive frames is determined by the difference in scale reading from the end of the trace made by the rotating spot on one frame to the beginning of the trace on the succeeding frame.

A 4-position switch can be set for "OFF," "WARM," "TIME" operation, and "CONTINUOUS" operation. A timer provides a "burst" of 0 to 15 sec of continuous operation when started by a push button control. Separate controls are provided to vary the intensity of the light spot and the camera data chamber.—MAST DEVELOPMENT COMPANY, INC., 2212 East 12th Street, Davenport 16, Iowa.

### Direct Current Microvoltmeter

An all-transistor dc microvoltmeter with over 100 meg input impedance on all ranges from  $\pm 0.01$  v to  $\pm 1000$  v, the Model 1362 features 12 hr



continuous operation from an integral storage battery. Recharge is automatic when the instrument is plugged into the power line. The instrument is chopper-stabilized to avoid drift problems and provides total isolation from the power line.—DYNAMICS INSTRUMENTATION COMPANY, 1118 Mission Street, South Pasadena, California.

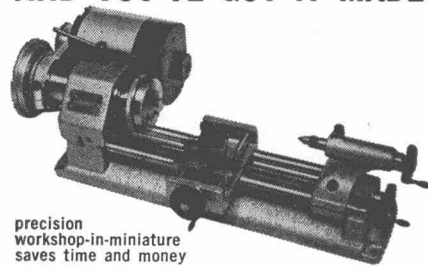
### Electrical Indicating Instrument

The "Incrementer" combines a differential instrument of high comparison accuracy with a highly stable reference source. The instrument's actual scale length of 6.3 in. represents 10% of its total effective scale length. Each 10% of its full-scale range is selected by an incremental switch, and is expanded over a full 6.3-in. scale length. A 100-division scale becomes a 1000-division scale in which each division represents 0.1%

The "Incrementer" combines a differential instrument of high comparison

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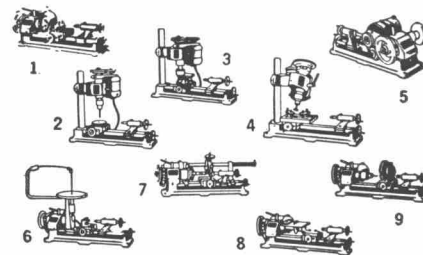
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