

NEW BAND-PASS FILTERS FOR THE INFRARED

A series of new Polaroid Type C Filters* now permits the effective isolation of two spectral bands in the near infrared region of the spectrum. These bands are of special interest in spectroscopy, physical and biological research, and in instrument-applications involving lead sulphide photocells, thermocouples, bolometers and other devices for the detection and measurement of radiation.

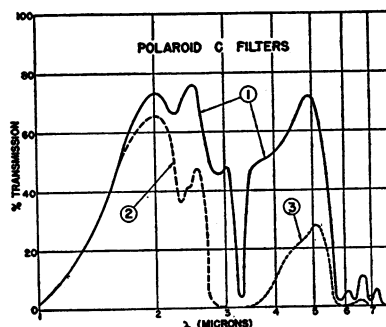
The new filters, which are non-polarizing, exclude all ultraviolet and visible radiation. They are available in three varieties: one for the transmission of the spectral band between 1.0 and 2.8 microns, another for the band between

3.4 and 5.6 microns, and a third — the basic filter of the series — for the transmission of both of these bands at high efficiency.

They withstand continuous temperatures up to 250°F. (120°C.) and may be used for short periods at higher temperatures.

Specimen filters two inches in diameter or two inches square are available at the following prices: Type C-1 (film) \$7.00 each; Type C-2 (glass-laminated), \$10.00 each; Type C-3 (film), \$8.00 each.

We invite your correspondence regarding this new product and its applications. Write Polaroid Corp., Dept. SC-71, Cambridge 39, Mass. U. S. A.



1. Type C-1
2. Type C-2
3. Type C-3



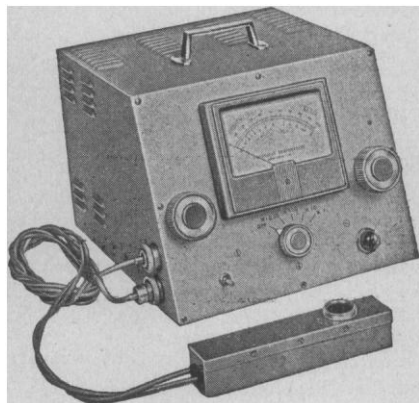
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*J. Opt. Soc. Am., Vol. 40, 415-418, July 1950

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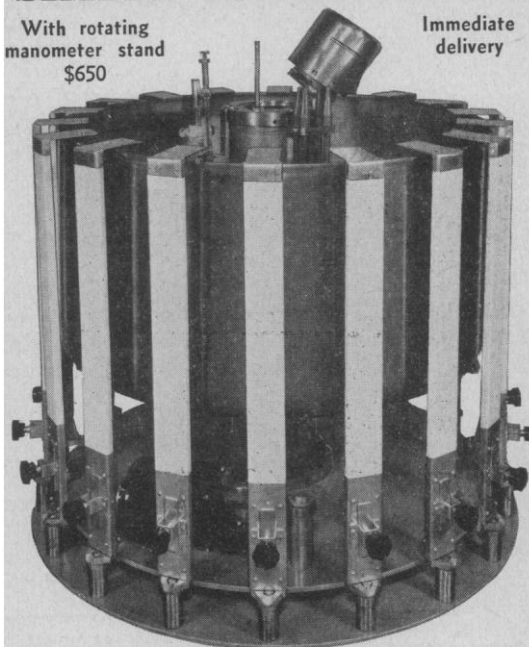
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