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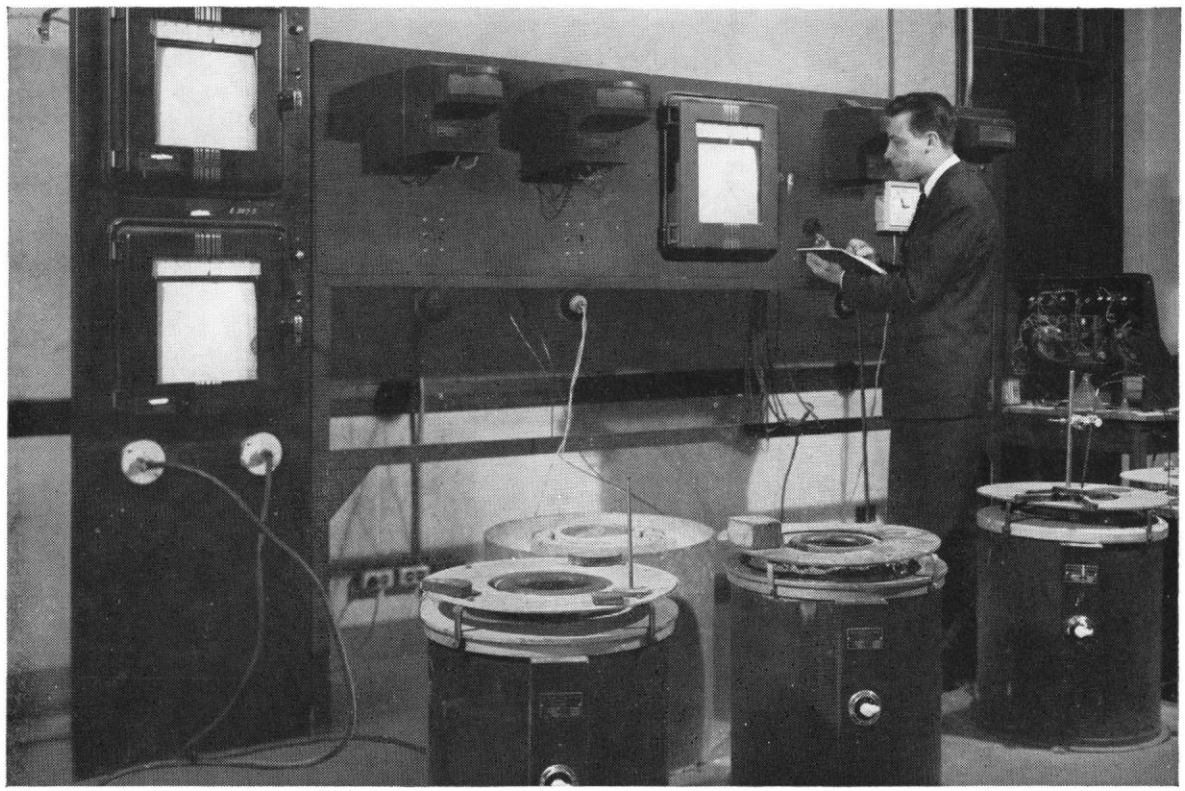
Science

Bausch & Lomb Science Scholarship Winners

(See *page 6*)



Metallurgist at University of Notre Dame transcribes temperature data from four-point Speedomax Recorder connected to furnaces in foreground. Experiment is part of extensive studies of the grain growth which occurs during annealing of aluminum and aluminum alloys, described in AIME, Metals Tech., September, 1947.

Test Data from Four Electric Furnaces Recorded by Speedomax at Notre Dame

The research shown above requires a recording instrument which combines precision and high speed. Several samples, usually four, are annealed simultaneously, with some heating cycles lasting only a few minutes. And yet the metallurgist requires complete temperature data from each sample.

Speedomax multiple-point recorder does the job well because:

1) It records temperature of each sample every few seconds, so that the printed curve gives a *detailed* record of temperature conditions at all four points.

2) Chart speed was specially selected for this installation to give an easily-legible time scale.

Speedomax and Micromax instruments are available in a wide variety of ranges and speeds. One of the standard models will provide a practically "made-to-order" answer for any temperature recording job which can be handled automatically. For specific information, write to Leeds & Northrup Co., 4926 Stenton Ave., Philadelphia 44, Pa.

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