

The Knowledge Bank at The Ohio State University
Ohio State Engineer

Title: Vogel-Ossag Viscometer

Issue Date: Oct-1932

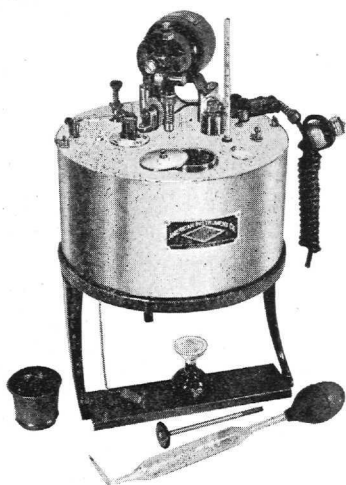
Publisher: Ohio State University, College of Engineering

Citation: Ohio State Engineer, vol. 16, no. 1 (October, 1932), 13.

URI: <http://hdl.handle.net/1811/34946>

Appears in Collections: [Ohio State Engineer: Volume 16, no. 1 \(October, 1932\)](#)

Vogel-Ossag Viscometer



A distinct feature of the Vogel-Ossag Viscometer is that it permits the direct accurate measurement of absolute and kinematic viscosities without conversion. It is the only instrument for this purpose admitted for calibration by the German State Physical Laboratory, and is now admitted for calibration by the United States Bureau of Standards as well.

Complete viscosity-temperature curves may be determined with the instrument without disturbing the set up. A further advantage lies in the fact that only 15 c. c. of the material are required for making a test. It also has the additional advantage of ease of manipulation and rapidity of operation. It is a compact unit which occupies no more space than the ordinary viscometer.

Both kinematic and absolute viscosities may be obtained by direct measurement with the instrument.

Engler, Redwood, and Saybolt viscosities may be accurately obtained from either of these readings by means of a simple conversion table supplied with the instrument. The Vogel-Ossag Viscometer hence also provides an absolute standard for checking oils and for checking routine test instruments for accuracy.
