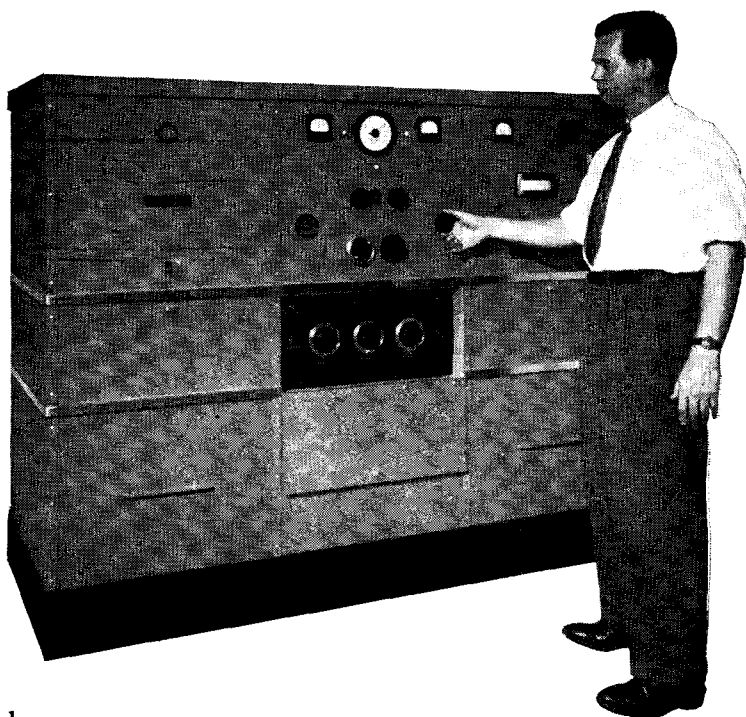


Spinco Model E
**ANALYTICAL
ULTRACENTRIFUGE**

*standard
throughout
the world*



A RESEARCH TOOL for the centrifugal purification and molecular-weight determination of such macromolecules as proteins, viruses, polymers, enzymes, hormones, and chemical precipitates; the Spinco Model E Ultracentrifuge combines all operations in a single cabinet.

OPERATING FEATURES include a 70,000-rpm quiet electric drive designed for years of service and arranged for easy removal and exchange; a selection of analytical and preparative rotors which are interchangeable and provide forces up to 260,000 times gravity operating in a heavily-armored vacuum rotor chamber; an optical system of the Philpott-Svensson refractive-index type with viewing screen, automatic camera, and high-intensity light source for analytical work; a

refrigerating system for keeping rotors at controlled temperatures; and vacuum pumps which provide atmospheres down to 10^{-4} mm of mercury.

CONTROLS AND INSTRUMENTS

are included to maintain average drive-speed accuracy automatically within 0.1 per cent of setting; to set operation of automatic camera both for exposure and photo-interval; to read rotor temperatures; to select one of three graded braking rates; to read motor voltage and current; to read vacuum; and to actuate the camera manually. Interlocks are provided to insure safe operation by individuals without extensive training.

*Send for
complete details.*

Spinco *division*

BECKMAN INSTRUMENTS, INC.
BELMONT 7, CALIFORNIA



For further information, circle number 24 A on Readers' Service Card, page 51 A