

**Operation Manual** (EN)  
Translation of the german original manual

## WOB-L® Piston pumps

### Models:

- ▶ 2581C-50 (230V / 50Hz)
- ▶ 2581B-50 (115V / 60Hz)
  
- ▶ 2585C-50 (230V / 50Hz)
- ▶ 2585B-50 (115V / 60Hz)



# Welch Vacuum Pump Manual

**Oak Ridge National Laboratory.  
Analytical Chemistry Division**



## **Welch Vacuum Pump Manual:**

**Vacuum Manual** L. Holland, 2012-12-06 Vacuum apparatus is widely used in research and industrial establishments for providing and monitoring the working environments required for the operation of many kinds of scientific instruments and process plant. The vacuum conditions needed range from the relatively coarse vacuum requirements in applications covering diverse fields such as food packaging, dentistry, investment casting, vacuum forming, vacuum metallurgical processes, vacuum impregnation, molecular distillation, vacuum drying and freeze drying etc. to the other extreme involving the highest possible vacuum as in particle accelerators, space technology both in simulation and outer space and research studies of atomically clean surfaces and pure condensed metal films. Vacua commence with the rough vacuum region i.e. from atmosphere to 100 Pa, passing through medium vacuum of 100 Pa to 0.1 Pa and high vacuum of 0.1 Pa to 1 J lPa, 10 Pa until ultra high vacuum is reached below 1 J lPa to the limit of measurable pressure about 12 I pPa. 10 Pa

**Food Additives Analytical Manual** United States. Food and Drug Administration, 1983      **Technical Manual** United States. War Department, 1944      **Air Force Manual** United States. Department of the Air Force, 1966      Analytical Chemistry Manual of the Feed Materials Production Center: Instrumental analytical section, 1964      **Direct Support and General Support Maintenance Manual**, 1990      *Manual for Nutrition Surveys* United States. Interdepartmental Committee on Nutrition for National Defense, 1963

**Master Analytical Manual** Oak Ridge National Laboratory. Analytical Chemistry Division, 1960      *The American Architect Specification Manual*, 1926      **Motor's Truck & Tractor Repair Manual**, 1956      **Diagnostic Methods and Instability Suppression Techniques for a Mirror Geometry Plasma with Radial Electric Fields** John S. Martin, Merrill L. Andrews, 1973      *Operators and Organizational, Field, and Depot Maintenance Manual*, 1991      **Medical Electronic**

**Laboratory Equipment 1967-68** G. W. A. Dummer, J. Mackenzie Robertson, 2014-05-12 Medical Electronic Laboratory Equipment 1967-68 provides information of a comprehensive range of electronic and nucleonic equipment for use in laboratories concerned with all branches of medical research. This book covers a variety of topics including amplifiers, computers, chromatographs, gamma encephalographs, display systems, kidney function systems, scintillation cameras and ultrasonic equipment. Organized into 10 chapters, this book begins with an overview of a wide section of the equipment available in the specialized field. This text then provides general descriptive data of equipment with considerable operating and applications information. Other chapters consider a large number of illustrations showing equipment in use as well as the case histories, analyses and references. This book presents as well data from Europe, United States and Japan that are useful as a practical guide and manual by all concerned with the acquisition, assessment and use of electronic equipment for medical research. This book is a valuable resource for readers interested in acquiring medical electronics equipment.

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