

Pergamon Electronics Data Series

The history of Oxford University Press spans five centuries of printing and publishing. This third volume begins with the establishment of the New York office in 1896. It traces the expansion of OUP in America, Australia, Asia, and Africa, and far-reaching changes in the business and technology of publishing up to 1970.

Fluidic Components and Equipment 1968—9 presents information on a wide range of fluidic components, systems, techniques, and equipment. A few of the many ways in which fluid interaction can be utilized to perform useful functions are explained, and typical elements, circuits, and systems are described. This book is comprised of six sections and opens with an overview of the fundamentals of fluidic devices, including their four basic functional component parts: power source, receiver, control input, and control region. The next section presents several of the major areas that must be considered in developing functional networks from individual elements, including noise considerations in signal amplification, impedance matching for maximum momentum transfer, and circuit techniques for temperature and pressure tolerance. Pulse elements and circuits are then described, giving examples of how various

digital functions can be implemented using jet wall-attachment elements. The remaining sections discuss jet beam deflection, confined-jet amplifiers, and vortex amplifiers, along with some practical applications of fluidic devices and principles. This monograph will be a valuable resource for engineers active or interested in acquiring data on the techniques and equipment used in fluidics.

[Current Catalog](#)

[Medical Electronics Equipment, 1967-68](#)

[Japanese Miniature Electronic Components Data 1966-1967](#)

[Catalog of Copyright Entries. Third Series](#)

[American Ultraminiature Component Parts Data 1965-66](#)

[Data Processing Systems and Associated Equipment](#)

[British Microelectronics Data, 1965-66](#)

[Medical electronic equipment](#)

[Pergamon Electronics Data Series](#)

[Fluidic Components and Equipment, 1968-9](#)

[An International Directory](#)

American Ultraminiature Component Parts Data 1965-66 provides data on a comprehensive selection of the very smallest electronic component parts available from manufacturers in the United States. This book presents the

increasing trend towards the utilization of high density packaging and microelectronic techniques. Organized into 31 chapters, this book begins with an overview of the general features of the Honeywell GG322 Solid-State Accelerometer. This text then presents the general data of the Atlas Microminiature Piston Actuator, an explosive-actuated device for producing linear motion. Other chapters consider the characteristics of micro-sized Hypercon capacitors, which are designed to meet the need for tiny capacitors in low-voltage circuits such as are used in hearing aids, ultra-miniature electronic gear, etc. This book discusses as well the features of Sprague Cera-Mite disc capacitors for use in low-voltage transistorized circuitry. This book is a valuable resource for readers concerned with the design and engineering of high density electronic equipment.

The two volumes of BANKING AUTOMATION 1970-71 present - for the first time - comprehensive guidance on the vast range of methods and equipment which sophisticated electronic and systems engineering is contributing to

the enhancement of efficiency and security in Banks, Finance Houses, Commercial and Industrial concerns throughout the world. Volume I encompasses the field of data processing, and includes a considerable review of existing and potential applications for computers and associated systems, peripheral and verifying equipment in the continually expanding realm of banking and accountancy. Volume II covers money and cheque handling equipment; communications systems; drive-in banking; safes and security equipment; closed-circuit television monitoring; intruder alarm systems; office and mailing machinery; paper and forms handling equipment; etc. , etc. Useful features include a Directory of suppliers who specialise in the types of equipment, system-planning and services featured in these volumes; also a Glossary which is aimed to be of equal importance to readers with a bias of expertise in banking and money technology, or in automation. These features appear in Volume I.

1896 to 1970

History of Oxford University Press:

Volume III

British Miniature Electronic

Medical Electronic Laboratory

Equipment

1968/69-

MANUFACTURERS R-Z.

Medical Electronics Equipment, 1966-67

German Microelectronics Data 1968-69

Anglo-american Microelectronics Data,

1968-69

Medical Electronic Equipment, 1969-70

Irregular Serials & Annuals

Educational Electronics Equipment 1967-68 presents a critical review of electronic and electronic-based equipment designed precisely for educational and instructional purposes. It discusses the equipment for instruction and training in physics, electronics, and computer control. It addresses the nature of electronic aids use in technical establishments. Some of the topics covered in the book are the description of lecture demonstration equipment; components of Model 70 digital computer trainer; advantages of low-cost teaching computer; uses of educational analogue computer; description of universal laboratory machine; parts of protective systems dynamic simulator; and content of machine demonstration kit. The mechanisms of operator training equipment are fully covered. Type MS 150 modular servo system and DC-8 engine trainer are discussed. An in-depth observation made on the control circuit for a stepping motor is given. A study of the functions of semi-automatic flight inspection simulator is also presented. A chapter is devoted to the Atlas missile airborne propellant feed and pressurization system trainer. Another

section focuses on the mechanisms of Boeing 707 cockpit familiarization trainer. The book can provide useful information to teachers, trainer, students, and researchers.

Electronic Connection Techniques and Equipment 1968–69 presents the methods and equipment used in the wide field of electronic connections. This book describes all connection methods, including automated systems and microelectronic interconnections. This text covers all aspects of electronic connections, such as the system selection parameters and applications, as well as information on reliability. This book provides information on a wide range of methods and equipment in use and available in the United States of America and in the United Kingdom. Information is also included on welding, smoldering, wrapping, bonding, and crimping. The materials are extensively illustrated with diagrams and photographs describing system, equipment, application, and operation. This book is a valuable resource for readers who are interested in the connection and interconnection of electronic components, equipment, and devices.

[*Educational Electronics Equipment, 1967-68*](#)

[*German Miniature Electronic Components and Assemblies Data, 1967-68*](#)

[*Electronic Connection Techniques and Equipment 1965-66*](#)

[*1969: January-June*](#)

[*Medical electronic equipment 1969-70, vol. 1, Clinical, diagnostic and therapeutic equipment*](#)

[*American Microelectronics Data 1966-67*](#)

[*Medical Electronic Equipment, 1969-70: Monitoring, recording, and computing equipment*](#)

[*Educational Electronics Equipment 1967–68*](#)

*Electronic Connection Techniques and Equipment, 1968-69
1967-1968*

First multi-year cumulation covers six years: 1965-70.

German Microelectronics Data 1968-69

American Microelectronics Data 1966-1967

*European Miniature Electronic Components and Assemblies
Data*

National Library of Medicine Current Catalog

Electronic Connection Techniques and Equipment 1968-69

British Miniature Electronic Components Data 1967-68

Cumulative listing

Fluidic Components and Equipment 1968-9

Medical electronic laboratory equipment

Banking Automation

Microelectronics fabrication equipment

*European Miniature Electronic Components and Assemblies
Data 1965-66. Pt. 1. Germany and Italy*

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.

[French Miniature Electronic Components and Assemblies Data 1967](#)

[Electronic connection techniques and equipment](#)

[Medical Electronic Laboratory Equipment 1967-68](#)

[ANGLO-AMERICAN MICROELECTRONICS DATA 1968-69](#)

[American Ultraminiature Component Paris Data Components Data 1967-68](#)

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