



Data Acquisition Techniques Using PCs (IDC Technology) (Paperback)

By Howard Austerlitz

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The second edition of this highly successful text focuses on the major changes that have taken place in this field in recent times. *Data Acquisition Techniques Using PCs, Second Edition*, recognises that data acquisition is the core of most engineering and many life science systems in measurement and instrumentation. It will prove invaluable to scientists, engineers, students and technicians wishing to keep up with the latest technological developments.

- Teaches the reader how to set up a PC-based system that measures, analyzes, and controls experiments and processes through detailed design examples
- Geared for beginning and advanced users, with many tutorials for less experienced readers, and detailed standards references for more experienced readers
- Fully revised new edition discusses latest programming languages and includes a list of over 80 product manufacturers to save valuable time

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Bibliography

- Sales Rank: #3146554 in eBooks
- Published on: 2002-12-04
- Released on: 2002-12-04
- Format: Kindle eBook



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Editorial Review

Review

Praise for the First Edition

"A mix of tutorial and reference information for engineers setting up or using a PC-based data acquisition system. Spanning many disciplines, this well-illustrated book gives the readers enough information to build a system from scratch or to simply piece together appropriate commercial hardware and software products...a useful book for anyone who wants their PC to acquire, analyze or display data." --*EDN*

From the Back Cover

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Data Acquisition Techniques Using PCs, Second Edition offers all the information needed to implement a PC-based data acquisition system. The book covers all aspects of setting up a system ranging from sensors, to data acquisition cards, to PC hardware, to software. It shows how to include circuits that transform analog reality into digital data that the computer can understand. The coverage involves almost all areas of industry and applications of instrumentation in electrical engineering (ie. control, robotics), biomedical engineering, and mechanical systems.

Users Review

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Lisa King:

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