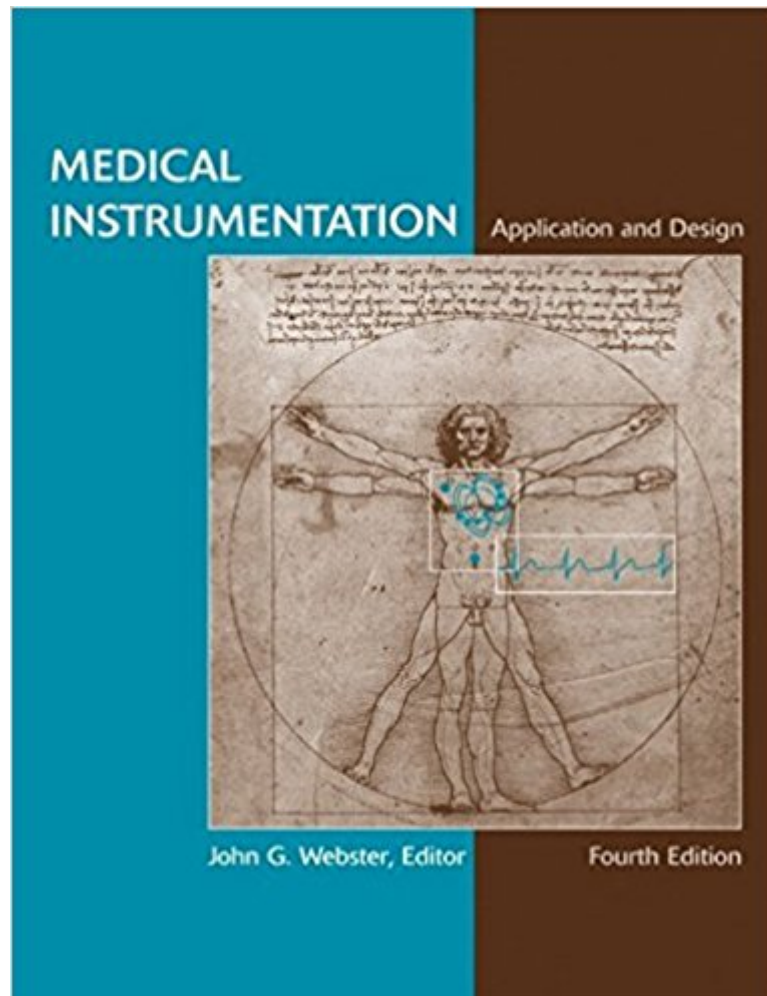




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# Medical Instrumentation: Application And Design



## Synopsis

This book provides biomedical engineers with the premiere reference on medical instrumentation as well as a comprehensive overview of the basic concepts. The revised edition features new material on infant apnea monitors, impedance pneumography, the design of cardiac pacemakers, and disposable defibrillator electrodes and their standards. Each chapter includes new problems and updated reference material that cover the latest medical technologies. The chapters have also been revised with new material in medical imaging, providing biomedical engineers with the most current techniques in the field.

## Book Information

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## Customer Reviews

Excellent condition!

Most of the book is filled with descriptions of instruments. Sometimes name and purpose is all that is given, but most often it is purpose and general theory. Some sections have good, in-depth, descriptions of the math and physics, but it is usually lacking. A handful of sections (luckily not many) were painfully outdated. I would recommend this book as a reference, or maybe to someone in sales who wants at least a basic understanding of how all the products work.

Very nice book, complete and readable. Its emphasis in physiology is a welcome element from my standpoint. I have read almost 50% of the book but so far I am very pleased with it.

It talks about a lot of things, but issues are about one paragraph; thus, it's not very good for understanding the equipment in depth. You should get to know general instrumentation and engineering beforehand. This might be something that prompts interest, but it doesn't quite help you develop anything, and you will definitely need a refresher of undergraduate engineering.

The price of this book is AWESOME. Can't believe how much they rip you off at university bookstores! Is no different than the US version.

This book is a graduate level book that is very in dept. The subject is broad so they only spend a little in each section. So much so that my prof. has his own "casebook" to help us learn practical biomedical instrumentation techniques.

This book is more of a reference book, not a textbook! Although it contains some vital information it is a very poor textbook, although the cover is nice and attractive. Don't be fooled!

Good

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