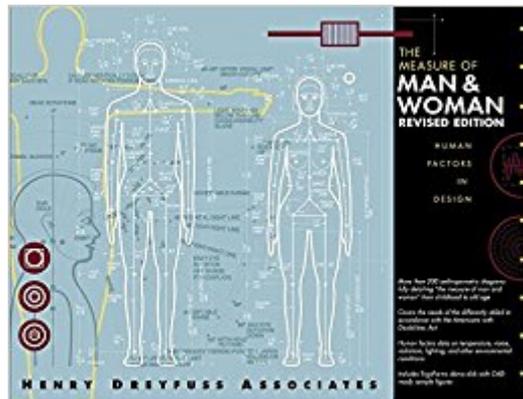


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# The Measure Of Man And Woman: Human Factors In Design



## Synopsis

Human factors research impacts everything from the height of kitchen counters to the placement of automobile pedals to a book's type size. And in this updated and expanded version of the original landmark work, you'll find the research information necessary to create designs that better accommodate human need. Featuring more than 200 anthropometric drawings, this handbook is filled with all of the essential measurements of the human body and its relationship to the designed environment. You'll also discover guidelines for designing for children and the elderly, for the digital workplace, and for ADA compliance. Measurements are in both English and metric units.

## Book Information

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Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (24 customer reviews)

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## Customer Reviews

this book is a great reference for those who deal in any way with the human form. i, for example, am a 3d character animator and this book is perfect for nailing correct human proportions and visualizing range of motion. however, the accompanying cd is basically an advertisement for ErgoForms, the autocad version of the drawings in the book. only the 1% man drawing (the smallest average male figure) is included on the cd, which is pretty useless for what i need. if the book weren't so expensive i'd give it a four star rating. i thought i was getting more on the cd to warrant the price.

There's minimal reading in this book, which is nice since it's good for reference. The reading that it

does have is very simple with bulleted paragraphs full of information that you can't get from looking at the diagrams. Great diagrams for industrial design students (I got this for one of my classes), gives you the measurements, reach, sight and motion range, pretty much any numeric info you need to know for the 1 percentile, 99 percentile, and 50 percentile man/woman. Also has nice chart of child development w/descriptions of what the ave. child can do at each age, as well as diagrams for the elderly (and in wheelchair). This book is essential if you are going for product design or interior design.

The book is great. Information is presented clearly and is easy to find. HOWEVER, I had really expected more from the CD. It DOES NOT CONTAIN DEMO SOFTWARE for a version of ERGOFORMS, it contains a couple of cad files generated by that program. Unfortunately, they are not particularly useful ones. (VELLUM, DXF and DWG files for a 7 year old child, 1% male, and 1% female.) As another reviewer points out, the CD is basically an advertisement. If you want to buy this book for the info in the book, that's fine; it's a great book. If you are buying it because you think that there is something useful on the CD, I would suggest that you are making a mistake.

I'm studying furniture design and this book will be extremely helpful for me. It gives tons and tons of measurements throughout the human life span. All kinds of positions, arrangements, etc. There is section on every age, even infants and elderly. It's also just an interesting thing to read, regardless of being an awesome reference book. I loved reading about how different abilities/capacities develop at certain ages. This way you can know when humans are able to do what. This can help better understand human's needs, in a physical and spatial sense. Great book, just get it.

This book is essential for all industrial designers and anyone who deals with human form or scale in day to day life. A lot of height/form debates can be solved quickly with a quick consult of this book. I'm an industrial designer and the engineers I work with are always asking me questions or asking if they can borrow this book. I would highly recommend it!

This book is an excellent resource for designing products that must accommodate various shapes and sizes of people. The charts provide a useful starting point for design. Some data, however, is quite old which dilutes its relevancy. Also, do not purchase the instant, online access to this book. There are many dimensions and small details which can't be read due to the poor resolution of the on-screen viewer.

4/5 because it was not what I was expecting. Its full of facts and figures for engineers to calculate movement and size/positioning of people. Thought it would have more contextual information to learn from. It does a great job explaining what it does, but not what I wanted.

Very informative book, recommended for anyone looking at human proportions. In pretty great condition and no wear or tears. Thanks!

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