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Creative Glass Blowing: Scientific And Ornamental



Synopsis

Here is the first comprehensive and detailed introduction to the practice of glass blowing, written by a descendant of a long line of professional glass blowers in collaboration with an experienced science writer. In clear, concise language the authors explain, step by step, how to perform the basic operations of glass blowing, from rounding a sharp edge and joining glass parts to blowing bulbs. Throughout the book, exercises provide practice in applying the basic operations in selected combinations to make complex structures. More than 150 illustrations, comprising line drawings, photographs, and nine full-color plates, help the reader visualize the procedures and the finished products of glass blowing. Useful as a text in formal courses in glass blowing, the book will also serve as an introduction for the layman to an engrossing and satisfying hobby and as a guide for the scientist or science student who needs to improvise or repair equipment. Businesses and libraries will also find it a useful reference.

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Customer Reviews

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serve as an introduction for the layman to an engrossing and satisfying hobby and as a guide for the scientist or science student who needs to improvise or repair equipment. Businesses and libraries will also find it a useful reference.

This book is the best book to get started with lampwork - blowing glass using a torch with your hands and a blow tube. It starts off with trinkets and the like, making novelties for the first half of the book. This way it gets you acquainted with the various methods of working glass. Once you have gotten that part down, it then takes you to scientific glass blowing techniques. Since the latter utilizes more expensive glass, you learn first inexpensively. It covers everything you need to know, including making your own tools and even how to make your own annealing oven and pyrometer! If you want to learn lampwork, this is THE place to start. I cannot recommend this book enough.

Excellent, detailed information about working with glass for creating laboratory equipment or ornamental pieces. I was rather surprised to see a few references to using asbestos paper to manipulate the hot glass, will need to find an alternative to that given what is known about the hazards of asbestos today.

Great intro to glass blowing. The book shows it's age in some instructions that call for asbestos, but those are easy enough to find work arounds for. Haven't used the designs for equipment but the sections on technique are easy to follow and I'm advancing through them quickly.

Wonderfull introduction to the art and science of glass blowing, and also the best introduction to the history of glass and glass technology that I've seen. It covers the tools and techniques to get started, down to the experiment of making your own glass. It covers the chemistry of not only the traditional glasses, but also borosilicates, lead glasses, and others. Well worth having, with many clean "How to" illustrations. (And some very nice pictures of glasswork.)

well drawn book.. very very nice! the only comment is about the vendor that send me a book with a ripped book cover...

excellent , fast service, great price, thank you

The illustrations and accompanying captions are themselves worth the cost of this book. They are

wonderfully drawn, are numerous, and many have 4 or 5 sub-parts. The sub-parts allow the author to "freeze" the glass-blowing process, which in turn enables the reader to study the subtle liquid transformations one must know to become a proficient glassblower. Videos are no substitute for these superb schematic drawings. The text is a bonus.

Of all the books I have seen, this one is the classic that I compare others to. One of the authors (Strong) was a long time editor of the Scientific American Amateur Scientist column, and really knows his business. Some of the information is a little dated, but overall the older techniques are very practical for those who cannot afford the more expensive tools of today's glass blowing and lampworking gurus. The scientific glass working information is priceless. This book is a little hard to find, but worth it.

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