



# Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science)

By S. V. Gupta

Download now

Read Online →

## Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta

This book is written for scientists involved in the calibration of viscometers. A detailed description for stepping up procedures to establish the viscosity scale and obtaining sets of master viscometers is given in the book. Uncertainty considerations for standard oils of known viscosity are presented. The modern viscometers based on principles of tuning fork, ultrasonic, PZT, plate waves, Love waves, micro-cantilever and vibration of optical fiber are discussed to inspire the reader to further research and to generate improved versions. The primary standard for viscosity is pure water. Measurements of its viscosity with accuracy/uncertainty achieved are described. The principles of rotational and oscillation viscometers are explained to enhance the knowledge in calibration work. Devices used for specific materials and viscosity in non SI units are discussed with respect to the need to correlate viscosity values obtained by various devices. The description of commercial viscometers meets the needs of the user.

↓ [Download Viscometry for Liquids: Calibration of Viscometers ...pdf](#)

📄 [Read Online Viscometry for Liquids: Calibration of Viscomete ...pdf](#)

# Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science)

By S. V. Gupta

**Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta**

This book is written for scientists involved in the calibration of viscometers. A detailed description for stepping up procedures to establish the viscosity scale and obtaining sets of master viscometers is given in the book. Uncertainty considerations for standard oils of known viscosity are presented. The modern viscometers based on principles of tuning fork, ultrasonic, PZT, plate waves, Love waves, micro-cantilever and vibration of optical fiber are discussed to inspire the reader to further research and to generate improved versions. The primary standard for viscosity is pure water. Measurements of its viscosity with accuracy/uncertainty achieved are described. The principles of rotational and oscillation viscometers are explained to enhance the knowledge in calibration work. Devices used for specific materials and viscosity in non SI units are discussed with respect to the need to correlate viscosity values obtained by various devices. The description of commercial viscometers meets the needs of the user.

**Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta Bibliography**

- Sales Rank: #6015419 in Books
- Published on: 2014-03-17
- Original language: English
- Number of items: 1
- Dimensions: 9.20" h x .80" w x 6.10" l, .0 pounds
- Binding: Hardcover
- 256 pages

 [Download Viscometry for Liquids: Calibration of Viscometers ...pdf](#)

 [Read Online Viscometry for Liquids: Calibration of Viscomete ...pdf](#)

## **Download and Read Free Online Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta**

---

### **Editorial Review**

From the Back Cover

This book is written for scientists involved in the calibration of viscometers. A detailed description for stepping up procedures to establish the viscosity scale and obtaining sets of master viscometers is given in the book. Uncertainty considerations for standard oils of known viscosity are presented. The modern viscometers based on principles of tuning fork, ultrasonic, PZT, plate waves, Love waves, micro-cantilever and vibration of optical fiber are discussed to inspire the reader to further research and to generate improved versions. The primary standard for viscosity is pure water. Measurements of its viscosity with accuracy/uncertainty achieved are described. The principles of rotational and oscillation viscometers are explained to enhance the knowledge in calibration work. Devices used for specific materials and viscosity in non SI units are discussed with respect to the need to correlate viscosity values obtained by various devices. The description of commercial viscometers meets the needs of the user.

### **Users Review**

**From reader reviews:**

**Rose Sosa:**

Do you have favorite book? Should you have, what is your favorite's book? Publication is very important thing for us to understand everything in the world. Each e-book has different aim as well as goal; it means that book has different type. Some people sense enjoy to spend their time for you to read a book. These are reading whatever they acquire because their hobby is reading a book. Think about the person who don't like studying a book? Sometime, individual feel need book when they found difficult problem or maybe exercise. Well, probably you should have this Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science).

**William Gilbert:**

In this 21st one hundred year, people become competitive in every way. By being competitive today, people have do something to make them survives, being in the middle of often the crowded place and notice through surrounding. One thing that oftentimes many people have underestimated this for a while is reading. That's why, by reading a book your ability to survive raise then having chance to endure than other is high. To suit your needs who want to start reading a new book, we give you that Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) book as beginning and daily reading e-book. Why, because this book is usually more than just a book.

**Lorretta Cox:**

Now a day people who Living in the era wherever everything reachable by match the internet and the resources within it can be true or not need people to be aware of each details they get. How individuals to be smart in obtaining any information nowadays? Of course the solution is reading a book. Looking at a book

can help persons out of this uncertainty Information mainly this Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) book because book offers you rich information and knowledge. Of course the knowledge in this book hundred per-cent guarantees there is no doubt in it you probably know this.

**Guadalupe Hauser:**

Precisely why? Because this Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) is an unordinary book that the inside of the guide waiting for you to snap that but latter it will jolt you with the secret this inside. Reading this book alongside it was fantastic author who else write the book in such awesome way makes the content interior easier to understand, entertaining approach but still convey the meaning entirely. So , it is good for you for not hesitating having this any longer or you going to regret it. This unique book will give you a lot of advantages than the other book get such as help improving your skill and your critical thinking technique. So , still want to hold off having that book? If I were being you I will go to the e-book store hurriedly.

**Download and Read Online Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta #K8BW6VCPRNF**

## **Read Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta for online ebook**

Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta books to read online.

### **Online Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta ebook PDF download**

**Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta Doc**

**Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta Mobipocket**

**Viscometry for Liquids: Calibration of Viscometers (Springer Series in Materials Science) By S. V. Gupta EPub**