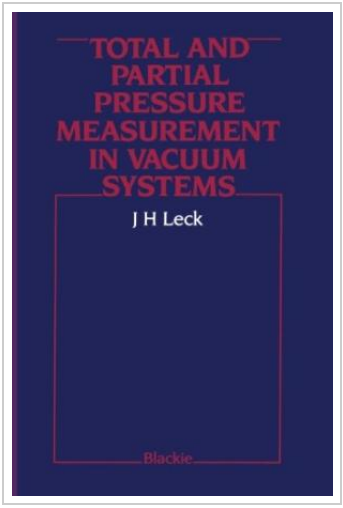

Total and Partial Pressure Measurement in Vacuum Systems (Paperback)

By John Henry Leck

Springer-Verlag New York Inc., United States, 2012. Paperback. Condition: New. 1989 ed. Language: English. Brand new Book. This book deals with the underlying theory and practical aspects of pressure gauges that are at present in general use. Because of the ever-increasing demands to provide a wider range of sophisticated and reliable vacuum equipment a good understanding of these instruments is of vital importance to all workers in the research and industrial sectors. Of the gauges considered only the mechanical types are absolute, in the sense that they measure pressure directly as a force upon a liquid column or a solid surface. Under ideal conditions it is possible to calculate their sensitiv- ities, which are the same for all gases and vapours. The recent developments in the viscous or molecular damping gauges indicate that these may also be considered absolute. Other gauges are indirect in that they involve the measurement of some secondary phenomenon which is pressure-dependent and therefore these gauges can only be used for measurement after calibration against an absolute standard. The radiometer or Knudsen type gauge has been excluded from the text since these are now only of historic interest. Also no mention is made of the integration...

Reviews

Basically no terms to clarify. It is actually writter in basic terms rather than confusing. I found out this ebook from my dad and i suggested this book to find out.

-- ***Elinore Vandervort***

If you need to adding benefit, a must buy book. I could possibly comprehended every little thing out of this composed e pdf. I am quickly could get a enjoyment of looking at a composed book.

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