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Second edition metrology handbook adds color and numerous updates

(Aurora, IL) Mitutoyo America Corporation announces availability of the second edition of, “Metrology Handbook – The Science of Measurement.” Written by Nobuo Suga, Advisor and Instructor at the Mitutoyo Institute of Metrology (MIM), the book is primarily intended for students who attend courses presented by the Institute at customer sites across the country. It is also ideal for anyone interested in gaining an understanding of the fundamentals of metrology.

The new volume is perfect-bound and in full-color throughout, and includes numerous updated photographs and illustrations. Content covers basic areas of metrology and presents material in both metric and standard units. It includes thorough discussions on the origin of the metric system and on length standards: artifacts and wavelengths. The handbook also serves as a primer on ISO, QS and TE requirements for calibration of test and measuring equipment.

The “Metrology Handbook” is the basis for the Mitutoyo Institute of Metrology’s Basic Metrology class. The text also provides an introduction to the Institute’s more advanced classes, which include: Gage R&R (MSA), Gage Calibration, GD&T, CMMs, Uncertainty and Six Sigma.

The “Metrology Handbook – The Science of Measurement” is available from the MIM for US\$87.50 plus S&H. Reference order number EDU 102-10. Major credit cards are accepted. Contact the MIM at (630) 978-6469 for more information.

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About the Author



Nobuo Suga has been serving Mitutoyo America and its customers for over 40 years. He is an Advisor and Instructor at the Mitutoyo Institute of Metrology where he has taught a full range of metrology subjects to more than 10,000 students. The majority of students are QC and production engineers. On a personal note, Nobuo Suga maintains a major collection of pre-WWI measuring instruments permanently displayed under the “Suga Collection” at the Mitutoyo Museum in Tokyo.

Mitutoyo Corporation is the world’s largest provider of measurement and inspection solutions offering the most complete selection of machines, sensors, systems and services with a line compassing CMMs (Coordinate Measuring Machines), vision, form and finish measuring machines as well as precision tools and instruments, and metrology data management software.

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Mitutoyo's nationwide network of Metrology Centers and support operations provides application, calibration, service, repair and educational programs to ensure that our 6,000+ metrology products will deliver measurement solutions for our customers throughout their lifetime. Contact Mitutoyo America Corporation, 965 Corporate Boulevard, Aurora, IL 60502. Phone: (630) 820-9666
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