

August 12, 2014

Press Release



Japan Analytical Instruments Manufacturers' Association (JAIMA)

Japan Scientific Instruments Association (JSIA)

16 Items Certified during the Third Analytical and Scientific Instrument Heritage Certification

The Japan Analytical Instruments Manufacturers' Association (JAIMA; 1-12-3 Kanda Nishikicho, Chiyoda-ku, Tokyo 101-0054; chaired by Shigehiko Hattori, chairman of Shimadzu Corporation) and the Japan Scientific Instruments Association (JSIA; 3-8-5 Nihonbashi Honcho, Chuo-ku, Tokyo 103-0023; chaired by Hideto Yazawa, president of Dalton Co., Ltd.) have announced that 16 items have been certified under the third heritage certification program of analytical instruments and scientific equipment, which was held this year. This program began two years ago (20 items certified during the first certification, with 15 items certified during the second certification) with the goal of passing along to future generations the important analytical instruments & techniques and scientific instruments that have contributed to the lives, economy, education, and culture of the Japanese people, as part of cultural heritage.

These items in the third certification were selected by six experts from industry, government, and academia (listed below), after rigorous deliberation. All items were considered a world-renowned instrument or technology and were viewed as a form of "scientific strength" that should be passed on to later generations. Since last year's certification, applications have been accepted from the general public. Each facility or individual is allowed to submit up to two items, and a total of 24 items (from 19 applicants) were submitted.

At the 2014 Japan Analytical & Scientific Instruments Show (JASIS 2014)—an exhibition that will take place starting September 3 (Wed.) at Makuhari Messe—a certification ceremony is scheduled to be held at an event square within the JASIS 2014 venue, and the certified items will be on display within the exhibition venue for the duration of the exhibition.

(URL: <http://www.jasis.jp/2014/>)

Selection Committee

Committee chairperson: Yoshimasa Nihei (Professor Emeritus at the University of Tokyo)

Committee members: Itaru Ishii (Director of Department of Science and Engineering, H

National Museum of Nature and Science, Tokyo)

Akira Ishitani (Advisor Emeritus of the Kanagawa Academy of Science and Technology)

Masaaki Kubota (Director general of NIMS, Science and Technology(AIST))

Keiichi Furuya (Professor Emeritus of the Tokyo University of Science)

Hiroo Yamasaki (Professor Emeritus of the University of Tokyo)

Selection Criteria

(1) An item that has produced significant results regarding the history of the development of analytical and measurement technology & instruments and scientific technology & instruments, and that has significant value for future generations, meeting the following criteria:

- Illustrates an important facet or stage of the development of related scientific technology & instruments
- Illustrates the international uniqueness of the development of Japanese scientific technology & instruments
- Has contributed to the creation of new fields of scientific technology & instruments

(2) An item that has prominent influence on the lives, economy, society, and culture of the Japanese people and that meets the following criteria:

- Has played a prominent role in the enhancement of the lives of the Japanese people or in the creation of new lifestyles
- Has made a contribution so prominent as to mark an era of the development of the Japanese economy and the enhancement of Japan's global standing
- Illustrates an important phenomenon pertaining to the interaction of society, culture, and scientific technology & instruments

Certified Item Categories

(1) Stored and collected instruments

(2) Documentation and samples pertaining to historically significant technology & instruments

Analytical and Scientific Instrument Heritage Certification—Certified Item Names and Applicants

Certification No. 36

Name: Optical-interference-type Methane Gas Tester

Applicant: Riken Keiki Co., Ltd.

Certification No. 37

Name: Beckman pH Meter

Applicant: Beckman Coulter, Inc.

Certification No. 38

Name: First Magnetic-field-type Electron Microscope and Related Materials

Applicant: Museum of Osaka University

Certification No. 39

Name: Electron Diffractometer

Applicant: The Nagoya University Museum

Certification No. 40

Name: HU-2 Electron Microscope

Applicant: The Nagoya University Museum

Certification No. 41

Name: HM-5(A) pH Meter

Applicant: DKK-TOA Corporation

Certification No. 42

Name: Gaede-type Oil-sealed Rotary Vacuum Pump

Applicant: Sato Vac Inc.

Certification No. 43

Name: P-1 Digital Dust Meter

Applicant: Sibata Scientific Technology Ltd.

Certification No. 44

Name: CC-1001 Automated Blood Cell Counter

Applicant: Sysmex Corporation

Certification No. 45

Name: HU-11B Hitachi Electron Microscope

Applicant: Institute of Multidisciplinary Research for Advanced Materials, Tohoku University

Certification No. 46

Name: JSM-2 Scanning Electron Microscope

Applicant: JEOL Ltd.

Certification No. 47

Name: IRA-1 Diffraction Grating Infrared Spectrophotometer

Applicant: JASCO Corporation

Certification No. 48

Name: C-R1A Chromatopac

Applicant: Shimadzu Corporation

Certification No. 49

Name: Gamma Ray Measurement Device for Activation Analysis using a Large, Low-background Shield Incorporating Mutsu Iron

Applicant: Tokyo City University

Certification No. 50

Name: HR320 Medium-sized Spectrometer

Applicant: Horiba, Ltd.

Certification No. 51

Name: GCMS-QP1000 Gas Chromatograph Mass Spectrometer

Applicant: Shimadzu Corporation

Inquiries

Japan Analytical Instruments Manufacturers' Association, Secretariat

Yuji Hamazaki

Tel: +81-3-3292-0642

Japan Scientific Instruments Association, Secretariat

Yasuhiro Okada

Tel: +81-3-3661-5131

For the detailed results of previous heritage certifications, please refer to the following webpage.

<http://www.jaima.or.jp/jp/heritage/index.html>