



Japan Analytical Instruments Manufacturers' Association (JAIMA)

Japan Scientific Instruments Association (JSIA)

15 Items Certified during the Fifth Analytical and Scientific Instrument Heritage Certification

Awards Ceremony Held on the First Day of JASIS 2016 (Sept. 7) and Exhibition Held through the Duration of the Event

The Japan Analytical Instruments Manufacturers' Association (JAIMA; 1-12-3 Kanda Nishikicho, Chiyoda-ku, Tokyo 101-0054; chaired by Gon-emon Kurihara, president of JEOL Ltd.) and the Japan Scientific Instruments Association (JSIA; 3-8-5 Nihonbashi Honcho, Chuo-ku, Tokyo 103-0023; chaired by Hideto Yazawa, chairman of Dalton Co., Ltd.) initiated the heritage certification program of analytical instruments and scientific equipment in 2012 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 their cultural heritage. Since 2013, the program has received a wide variety of submissions from the general public. The fifth and final program certified 15 submissions (first: 20 submissions, second: 15 submissions, third: 16 submissions, and fourth: 11 submissions).

Six experts from industry, government, and academia (see below for details) made the selections after carefully reviewing all the submissions. Each of the certified items was a world-renowned instrument or technology and can be viewed as a form of "scientific strength" that should be passed on to later generations.

At the Japan Analytical & Scientific Instruments Show (JASIS) 2016, an exhibition that will take place starting September 7 (Wed.) at Makuhari Messe, a certification ceremony will be held at a special event space (September 7, starting at 4 p.m.), and the certified items will be on display within the exhibition venue for the duration of the exhibition (URL: <http://www.jasis.jp>).

Selection Committee

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

Committee members: Itaru Ishii (Honorary Fellow at the National Museum of Nature and Science, Tokyo)

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

Masaaki Kubota (Visiting Researcher at the National Institute of Advanced Industrial Science and Technology)

Keiichi Furuya (Professor Emeritus at Tokyo University of Science)

Hiroo Yamasaki (Professor Emeritus at the University of Tokyo)

Selection Criteria

(1) A significant item in the history of the development of analytical and measurement technology & instruments (hereafter abbreviated as “analytical instruments”) and scientific technology & instruments (hereafter abbreviated as “scientific instruments”) that has significant value for future generations and meets the following criteria:

- 1) Illustrates an important element or stage in the course of the development of related analytical or scientific instruments;
- 2) Exhibits international uniqueness as an analytical or scientific instrument;
- 3) Has contributed to the creation of new analytical or scientific instruments.

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

- 1) Has played a prominent role in the enhancement of the lives of the Japanese people;
- 2) Has contributed to the enhancement of Japan’s industrial and economic development and global standing;
- 3) Has made a significant contribution to the cohesion of society, culture, and scientific technology & instruments.

Certified Item Categories

- (1) Instruments that have been stored after use or collected and stored.
- (2) Documentation, samples, or both pertaining to technology or instruments.

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

Certification No.	Certified Item Name	Applicant
63	pH test paper	Advantec Toyo Kaisha, Ltd.
64	Standard McLeod vacuum gauge	Okano Works, Ltd.
65	Photo-elasticity apparatus	Riken Keiki Co., Ltd.
66	Parametron computer FACOM 201	Tokyo Univ. of Science
67	Vehicle exhaust gas analyzer MEXA	Horiba, Ltd.
68	Digital correlator and probability analyzer system K7023	Spectris Co., Ltd.
69	Electromagnetic concentration analyzer (MB-32) and detector (MC-66)	DKK-TOA Corporation
70	Solvent recycling preparative GPC device LC-08	Japan Analytical Industry Co., Ltd.
71	Synchrotron radiation SOR-RING	RIKEN
72	UVIDEC-100 HPLC UV detector	JASCO Corporation
73	SSC/560 high-sensitivity differential scanning calorimeter	School of Materials and Chemical Technology, Tokyo Institute of Technology
74	Dual wavelength/double beam recording spectrophotometer UV-3000	Shimadzu Corporation
75	Ultra-high-speed wide area multi-analyzer (CMA) JXA-8600M	JEOL Ltd.
76	LC-6A HPLC series	Shimadzu Corporation
77	Semi-automated blood coagulation analyzer CA-100	Sysmex Corporation

Inquiries

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

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