



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Warshaw Collection of Business Americana Subject Categories: Instruments

NMAH.AC.0060.S01.01.Instruments

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Table of Contents

Collection Overview	
Administrative Information	1
Scope and Contents	2
Arrangement	2
Names and Subjects	
Container Listing	
Business Records and Marketing Material, circa 1800-1953	5
Genre, 1841-1965	7

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Warshaw Collection of Business Americana Subject Categories: Instruments
Date:	circa 1800-1965 (bulk 1830-1930)
Identifier:	NMAH.AC.0060.S01.01.Instruments
Creator:	Warshaw, Isadore, 1900-1969
Extent:	4.56 Cubic feet (consisting of 10 boxes, 1 folder, 1 oversize folder, 1 map case folder.)
Language:	Collection is in English. Some materials are in German.
Summary:	A New York bookseller, Warshaw assembled this collection over nearly fifty years. The <i>Warshaw Collection of Business Americana: Instruments</i> forms part of the Warshaw Collection of Business Americana, Subseries 1.1: Subject Categories. The Subject Categories subseries is divided into 470 subject categories based on those created by Mr. Warshaw. These subject categories include topical subjects, types or forms of material, people, organizations, historical events, and other categories. An overview to the entire Warshaw collection is available here: Warshaw Collection of Business Americana

Administrative Information

Acquisition Information

Instruments is a portion of the Business Ephemera Series of the Warshaw Collection of Business Americana, Accession AC0060 purchased from Isadore Warshaw in 1967. Warshaw continued to accumulate similar material until his death, which was donated in 1971 by his widow, Augusta. For a period after acquisition, related materials from other sources (of mixed provenance) were added to the collection so there may be content produced or published after Warshaw's death in 1969. This practice has since ceased.

Forms Part Of

Forms part of the [Warshaw Collection of Business Americana](#) .

- [Series 1: Business Ephemera](#)
- [Series 2: Other Collection Divisions](#)
- [Series 3: Isadore Warshaw Personal Papers](#)
- [Series 4: Photographic Reference Material](#)

Processing Information

In 2016, with funding provided by the Smithsonian Institution's Collections Care and Preservation Fund, the Archives Center at the National Museum of American History implemented the use of minimal level processing standards to increase information about and facilitate access to more of our collections.

For this subject, minimal processing included arrangement to the folder level, based on prior processing and preservation action, with retention of the pre-existing arrangement when possible, if applicable. Otherwise, an order was imposed by the Processing Archivist. Some materials were consolidated to eliminate excess bulk but items within folders were not arranged further. The guide may or may not include a more refined list of folder contents. Nonarchival housing was replaced for long-term stability, but staples and other fasteners have not all been removed.

Minimal level processing and machine-readable finding aid completed by Nicole Blechynden 2016 October.

Preferred Citation

Warshaw Collection of Business Americana Subject Categories: Instruments, Archives Center, National Museum of American History, Smithsonian Institution

Restrictions

Collection is open for research. Some items may be restricted due to fragile condition.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Scope and Contents

The Instrument category covers devices and tools used in arts and sciences, including but not limited to architecture, biology, medicine, geography, physics, chemistry and related laboratory investigation, navigation, in industry with machinery, astronomy, and a variety of optics including reading glasses. An emphasis on engineering and survey work is evident in the volume of Drawing and Surveying catalogues present.

Materials include a small sampling of business records, particular invoices and receipts, with also some advertisement, correspondence, financials, import/export documents. The bulk of material is comprised of product catalogues, many with detailed descriptions, specifications, and illustrations, plus pricing information. A number of catalogues are in German. A small portion of the catalogues are not instruments per se, but are accompaniments used with instruments. For example, specimen slides for microscopes. A few company publications are present as well. Several guides on the use of or history of some apparatus are present, as are a few stand-alone illustrations, though most catalogues are heavily illustrated.

No extensive runs or complete records exist for any single company, brand, and no particular depth is present for any singular subtopic though some publications may provide general and historical overviews of a person, company, or facet of industry. Separate folders were used for a few companies which have a small bulk of material. Companies of note: Bausch & Lomb, Sperry Corporation and Wheelco Instrument Company.

With the industries and trades represented in this category, there is overlap with *Hardware*, *Tools*, and *Mensuration*.

Arrangement

Instruments is arranged in two subseries. Researchers are advised to look both under the company name and under the category of catalogue of products it produces.

- Business Records and Marketing Material
- Genre

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Architectural design
- Architectural drawing
- Architecture
- Artists' materials
- Chemistry
- Chemistry -- 19th century
- Chemistry -- Distillation
- Consumer goods -- Catalogs
- Dental instruments and apparatus
- Dental instruments and apparatus -- 1880-1940
- Dental instruments and apparatus -- 1930-1970
- Drawing
- Engineering instruments
- Industrial productivity -- measurements
- Laboratories
- Magnetic instruments
- Mail-order business -- Catalogs
- Mathematical instruments
- Measuring instruments
- Measuring instruments industry
- Medical Equipment
- Medical instruments and apparatus
- Medical supplies
- Microscopes
- Optics
- Plant specimens
- Retail trade
- Scales (Weighing instruments)
- Scientific apparatus and instruments
- Scientific apparatus and instruments industry
- Specimens -- catalog of
- Specimens -- list of
- Spectrum analysis -- Instruments
- Surgical instruments and apparatus
- Surveying -- Instruments -- 1800-1810
- Surveying -- Instruments -- 1870-1940
- Surveying and surveying instruments
- Tools
- Wild flowers -- Specimens
- Zoological specimens -- Collection and preservation
- advertising -- Business ephemera
- advertising -- Specimens -- 1840-1950

Types of Materials:

- Advertisements

Advertising
Advertising cards
Advertising fliers
Advertising mail
Business cards
Business ephemera
Business letters
Business records
Catalogs
Catalogues
Commercial catalogs
Correspondence
Ephemera
Invoices
Letterheads
Mail order catalogs
Manuals
Manufacturers' catalogs
Periodicals
Print advertising
Printed ephemera
Printed material
Publications -- Business
Receipts
Sales catalogs
Sales letters
Sales records
Surveying instruments
Trade cards
Trade catalogs
Trade literature

Functions:

Scientific instruments manufacturing

Container Listing

Business Records and Marketing Material, circa 1800-1953

Scope and Contents: Contains transactional documents such as receipts and invoices for goods and services, correspondence, and general marketing material including advertisements, product information, circulars, mailers, and thin catalogues. Some company history or publications may also be present.

Arrangement: Arranged alphabetical by company or proprietor name.

Box 1, Folder 1	A, circa 1800-1937 (bulk 1855-1870) Notes: Including a number of invoices for E.H. Ashcroft.
Box 1, Folder 2	B, 1838-1930
Oversize 104, Folder 4	Betz, Frank S. and Company, 1910 Notes: Advertising bulletin and supplement for medical instruments.
Box 1, Folder 3	C, 1835-1928
Box 1, Folder 4	D, 1891-1943
Box 1, Folder 5	E, circa 1855-1921 (bulk 1873-1909)
Box 1, Folder 6	F, 1881-1937
Box 1, Folder 7	G, 1866-1922 Notes: Includes patent documents.
Box 1, Folder 8	H-J, 1818-1927
Box 1, Folder 9	K, 1839-1936
Box 1, Folder 10	L, 1869-circa 1930
Box 1, Folder 11	M, 1828-1953
Box 1, Folder 12	N, circa 1890
Box 1, Folder 13	O-P, circa 1830-1922 Notes: No companies beginning with "O" are present.
Box 1, Folder 14	Q, 1864-1908
Box 1, Folder 15	R, 1836-1898
Box 2, Folder 1	S, 1857-1931

Box 2, Folder 2	T-V, 1848-1913
Box 2, Folder 3	W, 1855-1893
Box 2, Folder 4	X-Z, circa 1894 Notes: No companies beginning with "X" or "Y" are present. Carl Zeiss is the predominate company in this folder.
Map-folder 2	Advertising, Oversize
	Brown Instrument Company, undated Notes: Brochure.
	Bliss and Torrey, undated Notes: Specimen copy of instrument catalogue, one sheet.
	Speakman, William M., undated Notes: Circular for manufacturer of artificial teeth and dental supplies.
	Import/Export
Box 2, Folder 5	Late 1830s, 1836-1839
Box 2, Folder 6	1850s, 1855
Box 2, Folder 7	1860s, 1861-1869
Box 2, Folder 8	1870s, 1871-1879
Box 2, Folder 9	Early-Mid 1880s, 1880-1886
Box 2, Folder 10	Late 1880s, 1887
Box 2, Folder 11	Late 1880s, 1888
Box 2, Folder 12	Late 1880s, 1889
Box 2, Folder 13	1890s, 1890-1899
Box 2, Folder 14	1920s, 1924
Box SUPP 15, Folder 18	Product Information and Advertising, circa 1894 Notes: Some of the instruments being sold include thermometers, glass forceps, dissecting instruments, syringes, and medical instruments.

[Return to Table of Contents](#)

Genre, 1841-1965

Catalogues

Chemistry

Box 3, Folder 1-3 In English, 1846-1927

Box 3, Folder 4-5 In German, 1890-1927

Box 4, Folder 1 In German, 1890-1927

Cross-Disciplinary

Notes: These catalogues typically offer a broad spectrum of instruments used in all the other catalogue categories and others not specifically identified here, though primarily related to math, science, and optics. Includes ship compasses, barometers, and specialized instruments for breweries, distilleries, and wineries.

Box 4, Folder 2-4 General Instruments, 1880-1965

Box 4, Folder 5 Queen, James W. and Company, 1874-1898

Box 5, Folder 1-3 Queen, James W. and Company, 1874-1898

Box 5, Folder 4 Drawing and Surveying, multidisciplinary, 1894-1942

Notes: Product information, detailed specifications, and price lists, company history and information. As is typically used in the disciplines of engineering, surveying, architecture, art, and mathematics. Some products represent: transits, chains, tapes, protractor, compass, t-square, telescopes, log books, coordinatograph, levels, tripods, sextants, plates, tables, angles, rules, paper, cloth, paints, brushes, burnishers, easels, dividers, pens, squares, scales. Some companies of note: Buff, G. Coradi, Gurley's American Engineers and Surveyors, Keuffel & Esser, Frost & Adams.

Box 6, Folder 1-5 Drawing and Surveying, multidisciplinary, 1894-1942

Box 7, Folder 1-2 Drawing and Surveying, multidisciplinary, 1894-1942

Box 7, Folder 3-4 Meters, Gauges, and Controls, 1859-1960

Box 8, Folder 1-3 Medical, 1876-circa 1925

Box 8, Folder 4-5 Natural History and Biological Specimens, 1880-1931

Notes: The catalogues represent materials that might be used in conjunction with instruments. Many are slide-mounted, but also present osteological models including skeletons, microbiology

samples, storage cabinets, preserving solutions, and tools use in the mounting and preservation of specimens in a laboratory environment. Some materials are in German.

Optical, 1880-1937

Notes: Product information, detailed specifications, and price lists, company history and information. Covers lenses, frames, spectacles, tools, supplies, microscopes, cleansers, surfacing, polishing, cutting, machinery, telescopes, glasses, eye-pieces, binoculars, accessories, balopticon, bifocals. Some companies of note: Carl Zeiss, Bausch & Lomb, American Optical Company.

Box 9, Folder 1-2 General Optical, 1880-1937

Box 9, Folder 3-4 Leitz, 1925-1938

Box 9, Folder 5 Images, 1862, undated

Notes: Plates (disbound from a book) with detailed drawings of equipment pertaining to astronomy, air, chemistry, mariners, mechanics, hydrostatics, electricity, sound, fire, elastic fluids. One stereograph (No. 143) showing apparatus in the Nave at the International Exhibition of 1862.

Oversize 104, Folder 4 Oversize Images, undated

Notes: Two plates (removed from book) depicting instruments and concepts in surveying and perspective.

Serial Publications

Box 9, Folder 6 American Journal of Microscopy and Popular Science, 1876 October

Notes: 1 issue: Vol. I, No. II, pp.125-136 plus ads and wrappers.

Box 9, Folder 6 Comments, 1942 August-1954 August

Notes: 37 issues (incomplete, non-sequential), Published by Wheelco Instruments Company.

Box 10, Folder 1 Journal of the Franklin Institute Devoted to the Science of the Mechanical Arts, 1877 July

Notes: 1 issue: Vol. LXXIV, No. 1.

Box 10, Folder 1 Magazine of Science and School of Arts, 1841 October 30

Notes: 1 issue: Vol. III, No. XXXI, pp.241-248.

Box 10, Folder 1 Optical Journal and Review of Optometry, Fiftieth Anniversary Number 1891-1941, 1941 January 12

Notes: 1 issue: Vol. LXXVIII, No. 2.

Sperryscope

Notes: Published by the United States Naval Gun Factory.

Box 10, Folder 2	1949-1951, 1949 Summer-1951 Autumn Notes: 8 issues (incomplete, non-sequential). Includes the 150th Anniversary edition, Vol. 11, No. 10.
Box 10, Folder 3	1952-1954, 1952 Spring-1954 Fourth Quarter Notes: 10 issues (incomplete, non-sequential).
Box 10, Folder 4	1955-1958, 1955 First Quarter-1958 Fourth Quarter Notes: 11 issues (incomplete, non-sequential), plus one mailing envelope.
Box 10, Folder 5	Use and How-To Guides, 1845-1908 Notes: Most related to the operation and benefits of the microscope. One item is a guide to workshops and laboratories, another evaluates the use of the karatoscope. Covered also are the telescope, barometer, manometer, hygrometers, thermometers, and field glasses. Some material is in German.

[Return to Table of Contents](#)
