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I would like to sell my collection of 10 microscopes and 10 miscellaneous related items.

Item #1 Carl Zeiss Black Photomicroscope 1 with film cassette, objectives 2.5, apochromats 10x, 25x, and 40x, and binder style photocopied instruction manual. (\$3,000.00)

History and information: Carl Zeiss, Inc. produced this instrument in their Gottingen plant in 1955. The Photomicroscope 1 was the first microscope manufactured with an internal automatic 35mm camera built within its frame. In 1955 when this breakthrough instrument was introduced it was produced in a black finish. Later models had a hammer tone or gray finish.

There are in my estimation less than a handful of Black Photomicroscopes in existence. One is featured in the **Carl Zeiss/Oberkochen Optical Museum**. That instrument is sectioned to show the internal workings including the optical light path and photographic light path.

My Photomicroscope 1 was purchased in 1955 by Duke University Medical Center. It was used there until the late 1980's. Then it was replaced by another Zeiss microscope, and was purchased by me.

On this microscope is an Apochromat 40x oil objective with iris diaphragm. This lens has a numerical aperture of 1.0, which produced the highest optical resolution of any 40x objective then, and still challenges today's lenses. It was one of the most expensive lenses manufactured by Zeiss, and may be the only one in existence.

Dimensions and serial number: 16 ½ "Hx10 ½"Wx 15 ½"D , SN 20223



Item #2 Carl Zeiss Jena Monocular Microscope with Mechanical Stage, many accessories, and wooden case. (\$700.00)

History and Information: Manufactured approx. 1880. Purchased by Dr. G. Alexander in Vienna, Austria. Dr. Alexander gave the Microscope as a gift to an American soldier, Officer Walker... because he safeguarded their property during the close and after WWI. Officer Walker's daughter, Ann Walker, inherited this microscope and sold it to me in 1978 when she was critically ill. At that time, she reported to me that Dr. Alexander was a personal physician of Archduke Franz Ferdinand, whose assassination triggered WWI.

Dimensions and serial number: 13" Hx6 1/8"Dx4 1/8"W, SN 20381



Item #3 KM Binocular Microscope with instruction manual (\$750.00)

History and Information: Manufactured 1990 – brand new

Dimensions and serial number: 15”Hx8 1/2”Dx8 1/2W, SN 000209



Item #4 Carl Zeiss Jena Monocular Microscope (\$500.00)

History and Information: Manufactured approx 1908

Dimensions and serial number: 13"Hx6"Dx4 1/8"W, SN 48360



Item #5

Carl Zeiss GFL Binocular Microscope Frame (\$200.00)

History and Information: Produced after WWII for about 20 years. This version, a white model, was the earliest (late 1940's). All future versions had a black finish. Frame has a newer style Binocular Tube mounted to it.

Dimensions and serial number: 14"Hx7"Diameter, SN 153143



Item #6

Carl Zeiss Jena Replica STATIV VII, Monocular Microscope (\$550.00)

History and Information: This 1880 Replica was manufactured for the 125th Anniversary of the Zeiss Company. One thousand units were produced.

Dimensions and serial number: 11 ¼"Hx3 5/8"Dx3"W, SN 164/1000



Item #7 Zeiss – Manufactured Replica of Original Van Leeuwenhoek Microscope with fitted case (\$350.00)

History and Information: Antonie Van Leeuwenhoek (1632-1723), Dutch scientist invented this early microscope in the mid 1600's

Dimensions and serial number: 3 1/4"x1 1/8",



Item #8 R & J Beck, Universal Monocular Microscope with stage accessory, extra eyepiece, and wooden case. (\$600.00)

History and Information: Circa 1860

Dimensions and serial number: 11"Hx5 ½" Diameter, SN 5735



Item #9

Ross Type Monocular Microscope with sliding stage (\$350.00)

History and Information: Circa 1850-80, may be a composite with parts of French and English origin, very unusual indeed. Ross is a reference to the "Ross" foot.

Dimensions and serial number: 12"Hx6"Wx7 1/2"D



Item #10 M. Pilisher Monocular Microscope with Sliding Stage, 3 objective lenses, 2 eyepieces, and wooden case. **(\$1,100.00)**

History and Information: Circa 1850s

Dimensions and serial number: 15"Hx5"Wx7"Diameter, SN 261



Item #11 Carl Zeiss Pyramid Desk Display with Axioscope Microscope enclosed inside (\$60.00)

History and Information: Circa 1980's

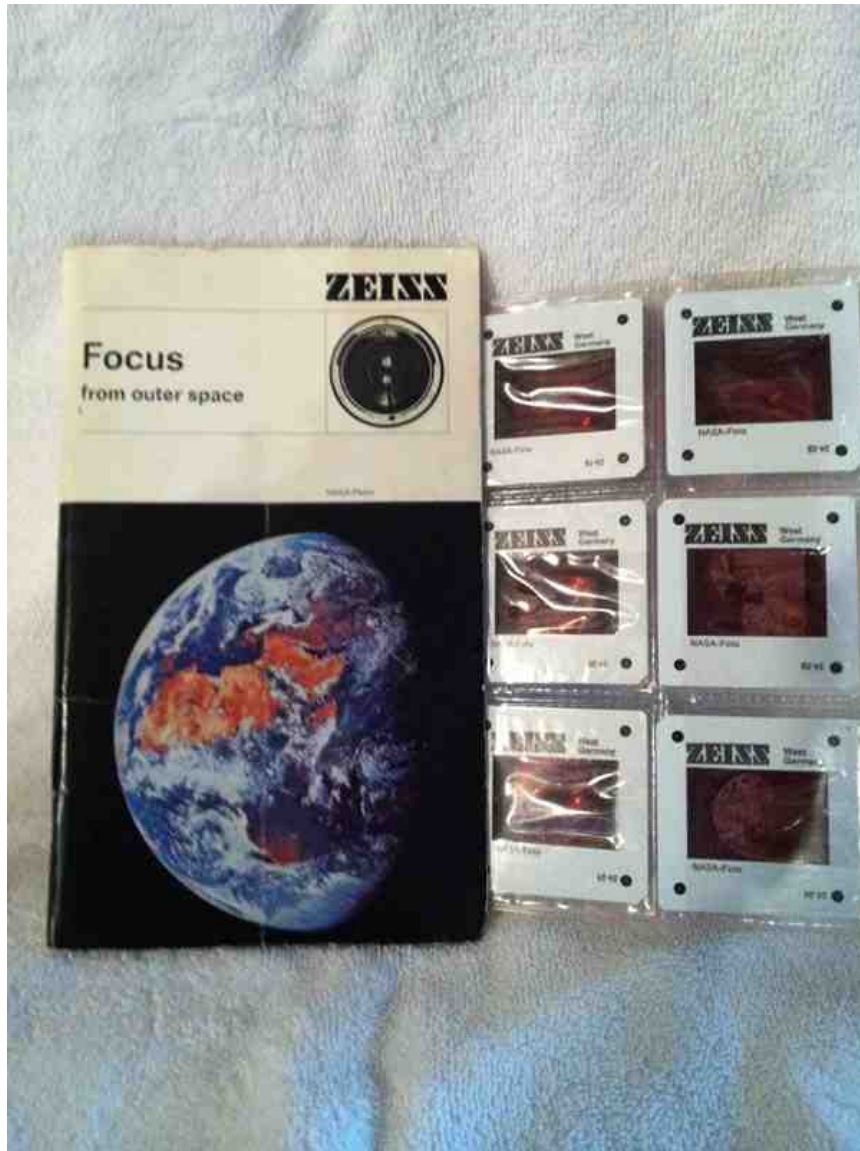
Dimensions and serial number: 4"Hx4 1/2"Wx4 1/2"D



Item #12 Zeiss “Focus from Outer Space” Booklet with 24 slides (\$50.)

History and Information: Astronaut, space, and moon slide set, taken through Zeiss camera lens

Dimensions and serial number: 7 ¾”Hx4 ¾”W



Item #13 4 - Unique slides mounted in wooden frames (\$80.00)

History and Information: Circa 1840's

Dimensions and serial number: 60mm Length x 15mm Width



Item #14 22 – Miscellaneous Biological and Geological Slides and numerous blank slides, and cover glass. (\$25.00)

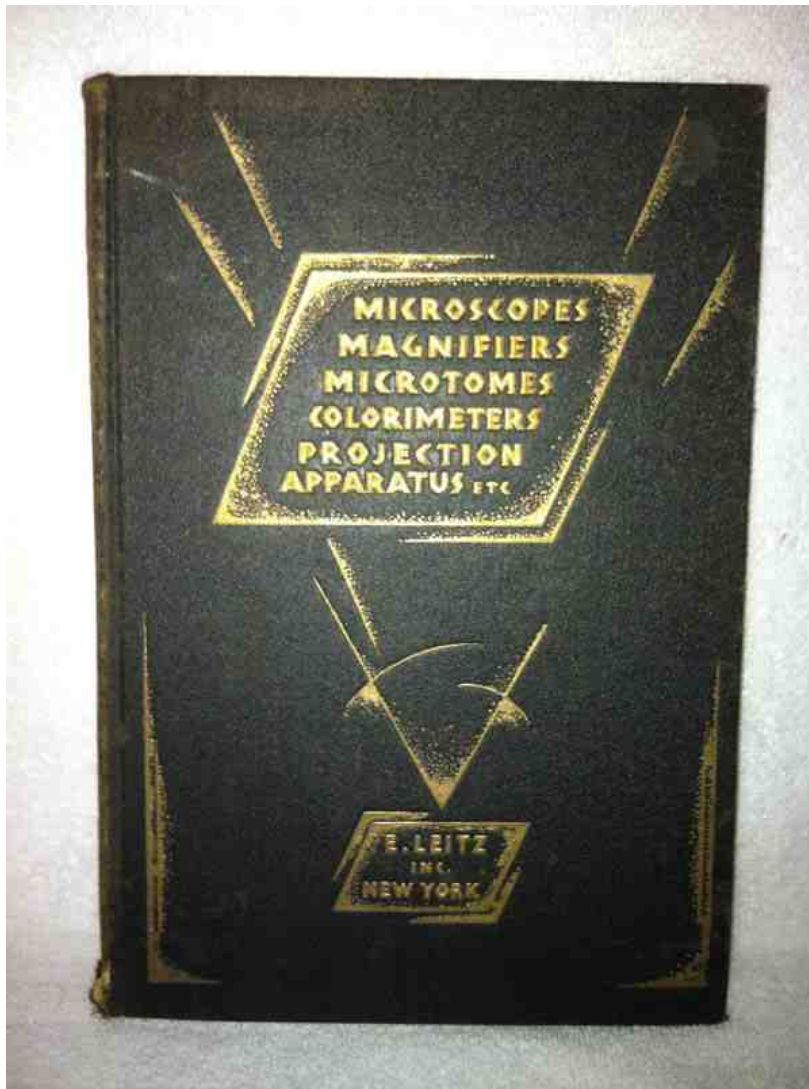
History and Information: Unknown – one slide marked Prize Medal of Wheat, Paris 1867. Slides and cover glasses from Baird and Tatlock, London.

Dimensions and serial number: Slides 3" Length x 1" Width, No picture

Item #15 E. Leitz – New York – Catalogue V-A (\$75.00)

History and Information: Hard cover Catalogue Book, Dated 1929, 290 pages. Shows complete product line, including Microscopes, Microtomes, photographic equipment, etc.

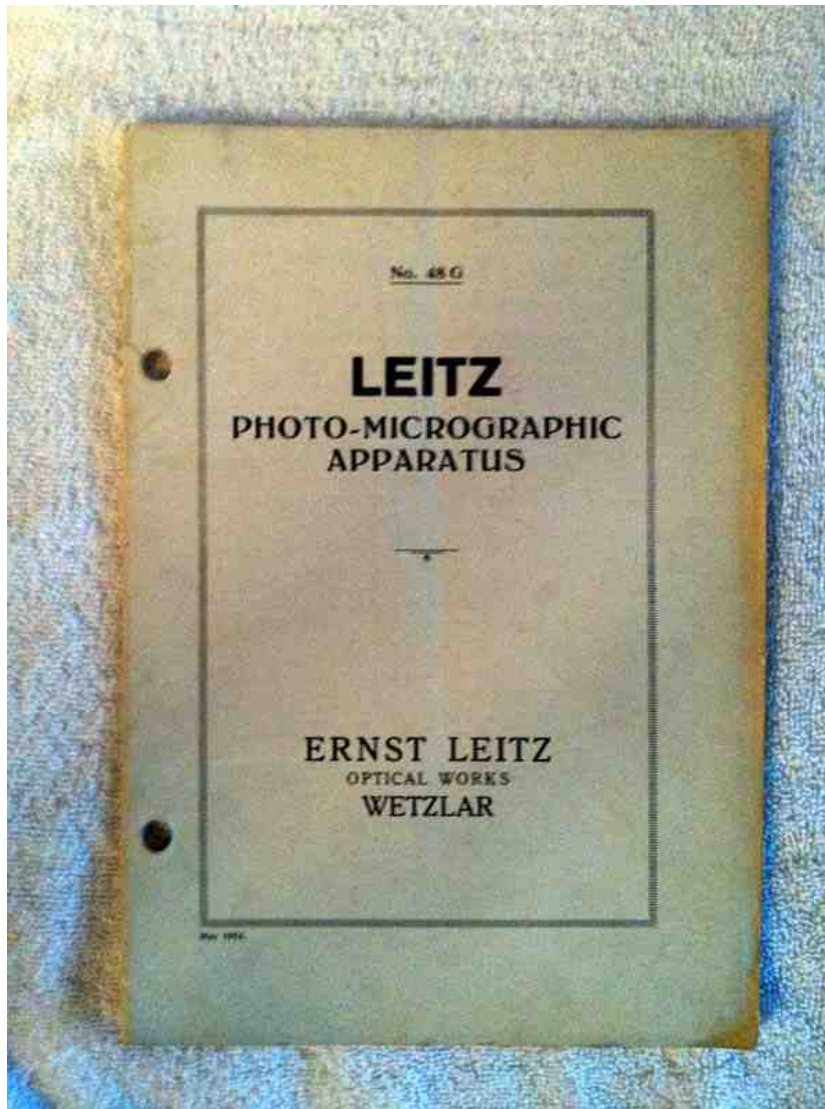
Dimensions and serial number: 10 ½"Hx7"W.



Item #16 E. Leitz, Photo Micrographic Apparatus Catalogue (\$38.00)

History and Information: Dated May 1924, Catalogue #48G, 27 pages

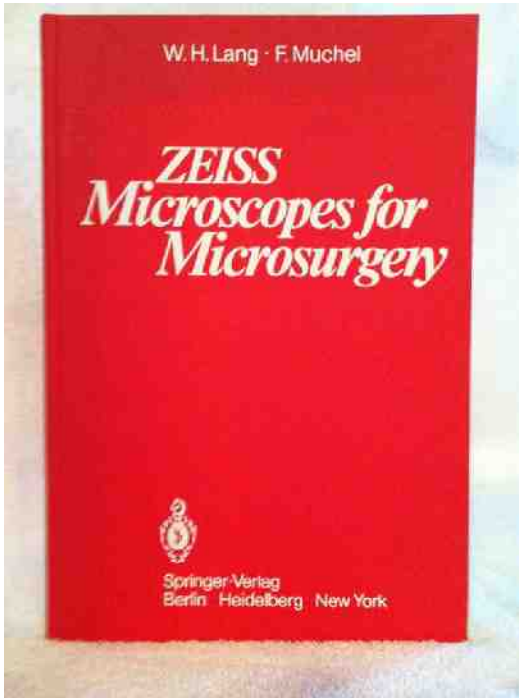
Dimensions and serial number: 10"Hx7"W



Item #17 Hard cover book – Zeiss Microscopes for Microsurgery (\$30.00)

History and Information: Dated 1981 by W. H. Lang – F. Muchel, 114 pages

Dimensions: 9 ¾”Hx6 ¾”W



Item #18 3 – Zeiss items – (1) Tie tack with Zeiss Logo (2) Lapel Pin with microscope image, and (3) Zeiss Nameplate (\$40.00)



Item #19 R. Jung – TAUSZ two armed Torsion Balance, with instruction manual. Mounted in glass and wooden cabinet with slide-off door. (\$260.00)

History and Information: R. Jung manufactured scientific instruments starting in 1872. This unit is from approximately 1952.

Dimensions and serial number: 12 $\frac{3}{4}$ "Hx11 $\frac{1}{4}$ "Wx6"D



Item #20: Carl Zeiss Desk Display – Surgical Microscope. OPMI 1 Model with moveable parts. (\$90.00)

History and Information: Model of new microscope introduced in the 1980's. Operation Microscope was used in operating room primarily by ENT surgeons and Neurosurgeons

Dimensions and serial number: 8" to 9" Hx5" to 7"W



If you require any additional information, please do not hesitate in calling me at 404-520-1032.

Very truly yours,

Leslie Dannenberg