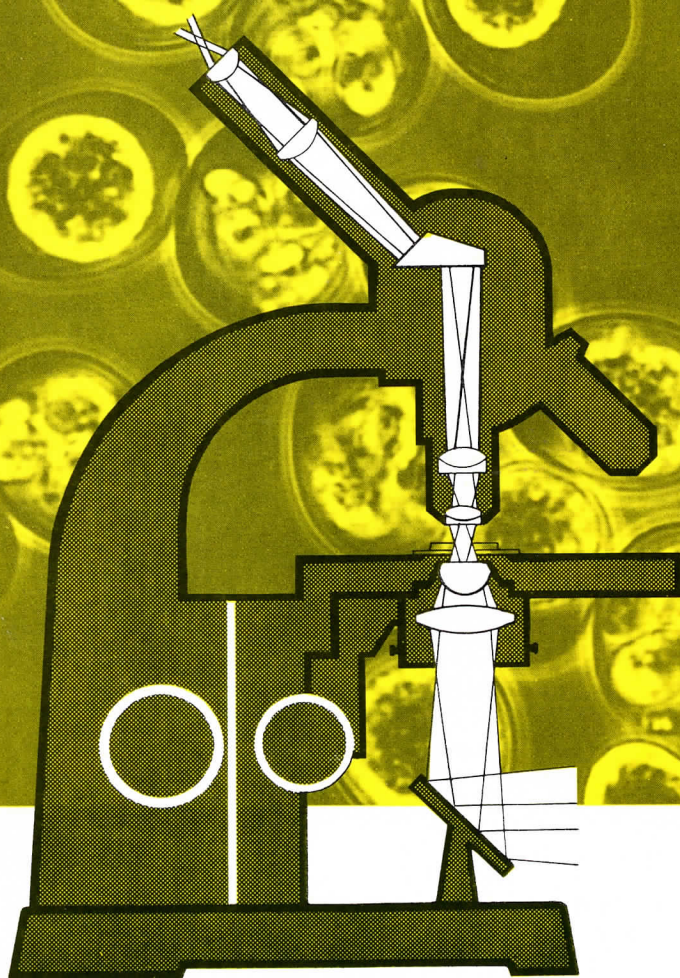


LEITZ



MONOCULAR and BINOCULAR
Medical
Microscope SM

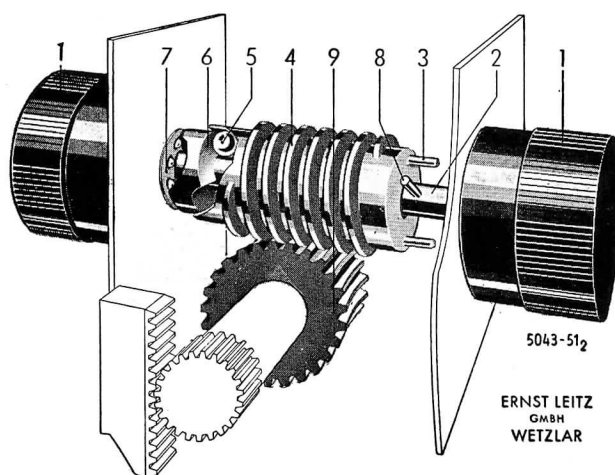
INTRODUCTION

This catalog describes our microscope Model SM. It constitutes a radical departure from conventional design; and in the short time since it appeared on the market, it has been acclaimed as the outstanding instrument for studies by the leading medical schools throughout the United States.

The specifications which are listed hereunder fill even the most exacting requirements of the microscope committee at your University.

The selection of a microscope for medical studies should be made very carefully. It is a life-time investment, and your choice of microscope must consider the benefits which superior optical as well as mechanical performance will provide in your studies. LEITZ Microscopes have been manufactured for over 120 years and have an enviable record of dependability, optical quality and forward design.

The latest technological advances in the scientific instrument field are incorporated in the design of the SM. Coarse and fine focusing motions are combined in a single operating control.



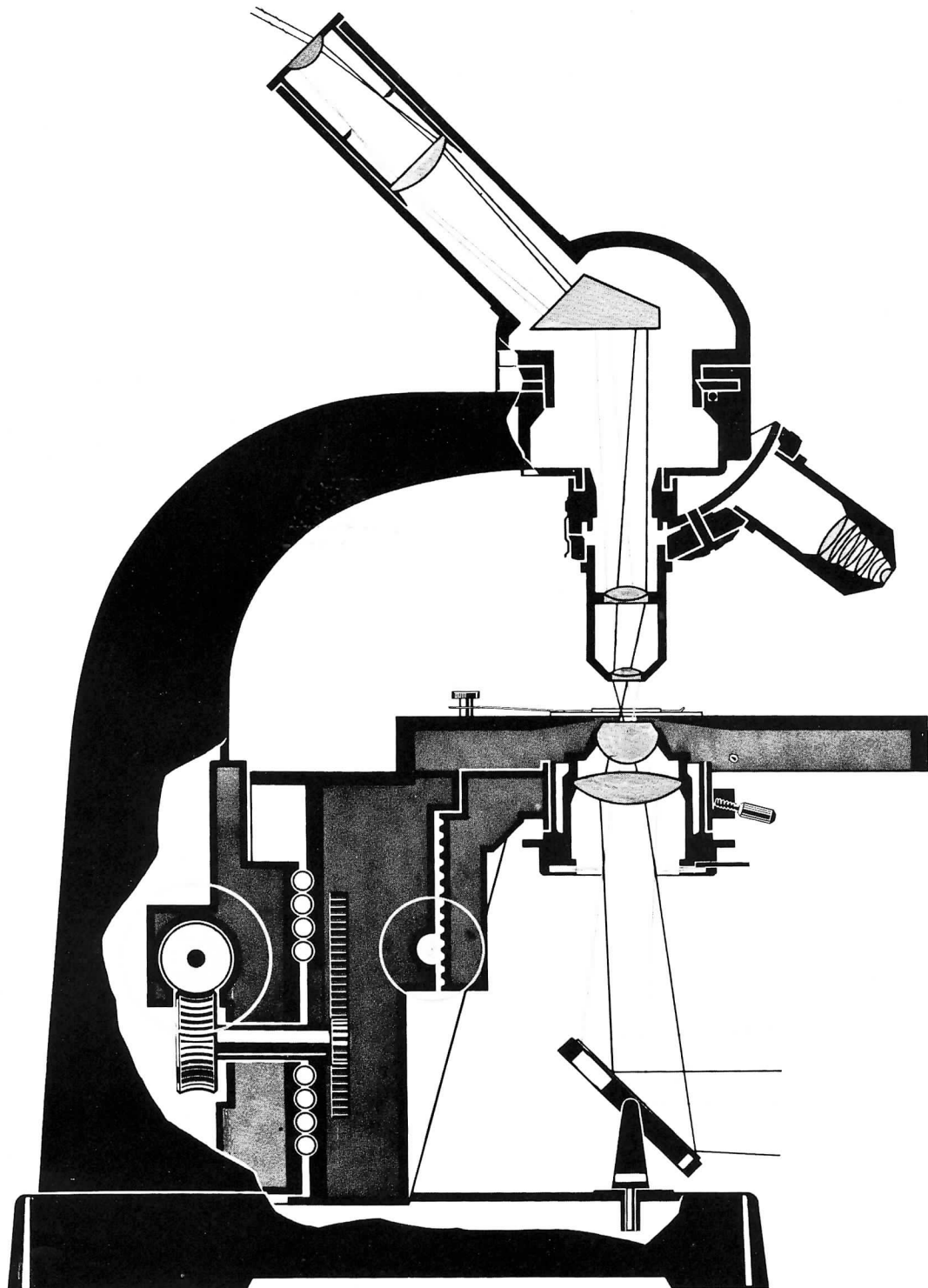
This makes focusing easier and entirely free from lost motion. The mechanism operates smoothly under all climatic conditions and independent of lubricants.

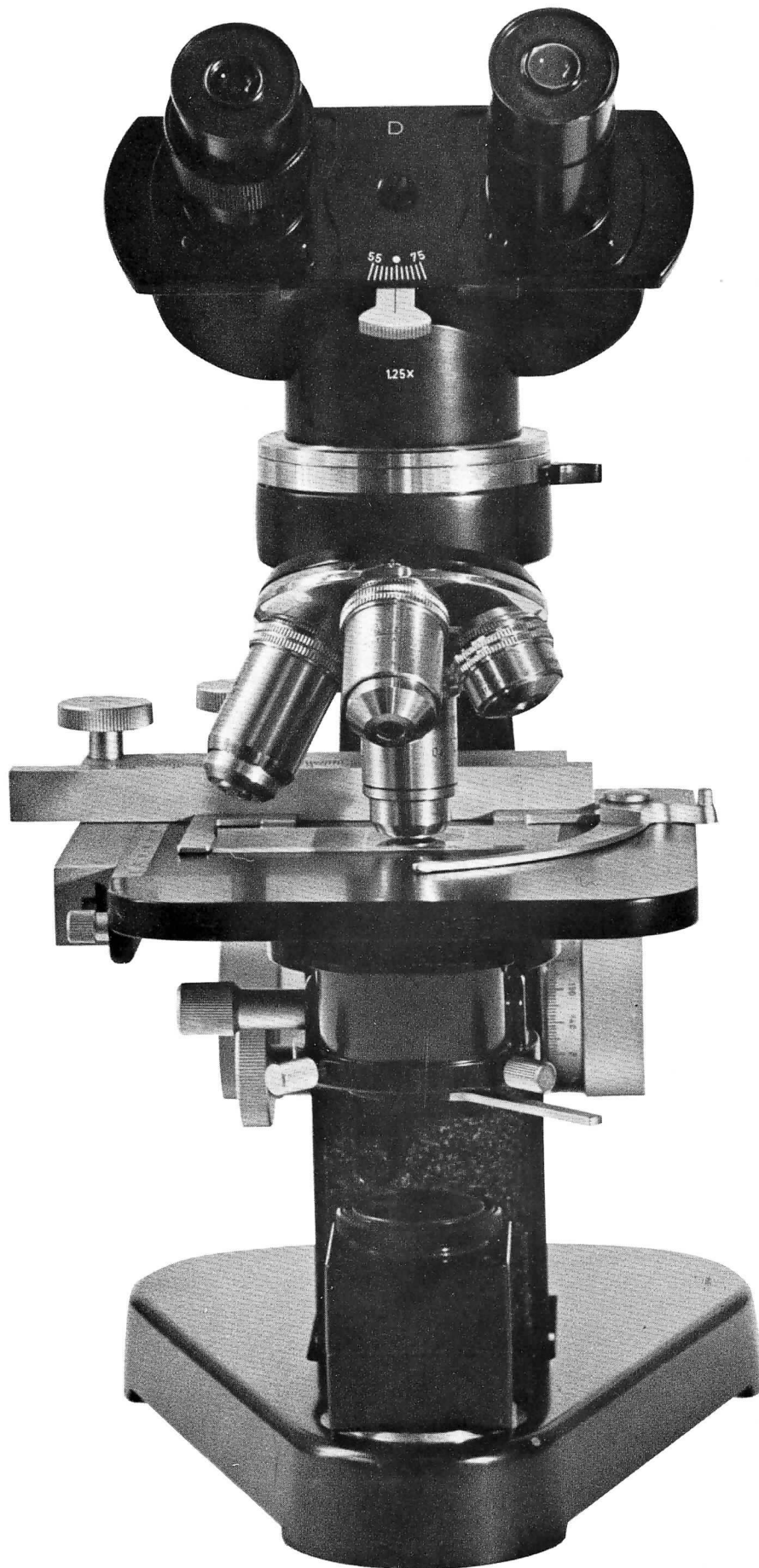
A great deal of emphasis has been placed upon the ready interchangeability of the essential parts, such as tubes, condensers, mirror and fork for external light sources, and the built-on microscope lamps.

A new improved binocular tube doubles the light transmission and insures a brilliant image even with the standard substage illuminator. All medical student microscopes are equipped with widefield eyepieces.

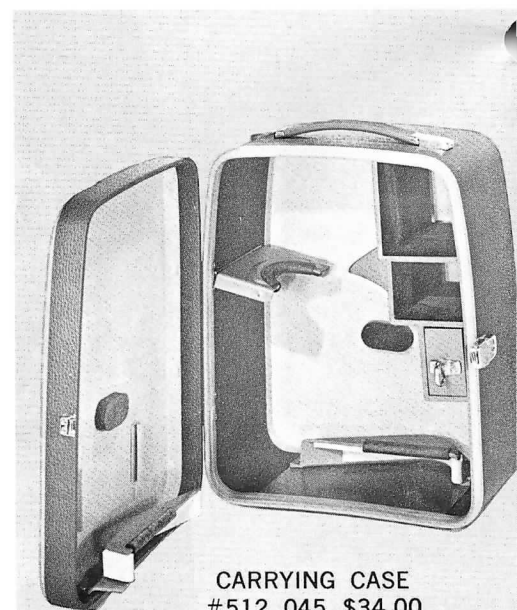
The objective carrier is a dust-proof nosepiece operating on ball bearings. All objectives are par-focal and the high power lenses are equipped with spring loaded mounts to afford complete specimen protection as well as to prevent damage to the front lens of the objective.

The LEITZ SM Microscope is built for years of service and satisfaction. It is compact for carrying by medical students, and desirable for prolonged use in student laboratories.





LEITZ BINOCULAR MEDICAL MICROSCOPE
MODEL SM-M 0.4.5.051 475 S 26/601 + A2n \$825.00



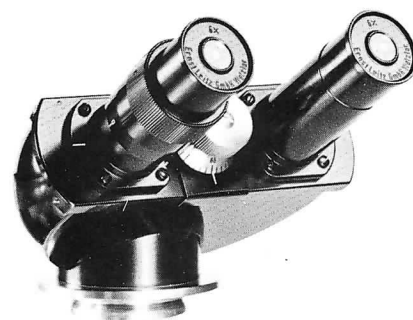
CARRYING CASE
#512 045 \$34.00



TUBE "O"
#512 064 \$25.00



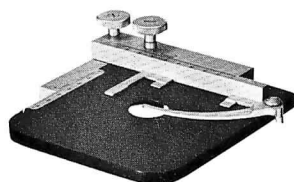
TUBE "P"
#512 065 \$46.00



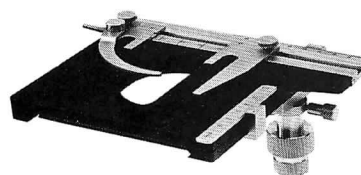
TUBE "S"
#512 066 \$213.00



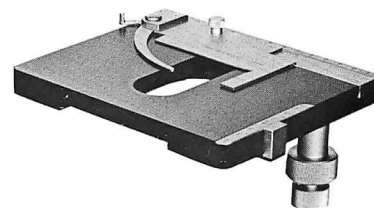
PLAIN SQUARE STAGE #19
#512 028 \$14.00



GRADUATED MECHANICAL STAGE #26
#512 123 \$79.00



COAXIAL,
GRADUATED MECHANICAL STAGE #47
#051 322 \$94.00



COAXIAL,
GRADUATED MECHANICAL STAGE #4
#512 025 \$168.00



SINGLE LENS CONDENSER #65
#512 020 \$22.00



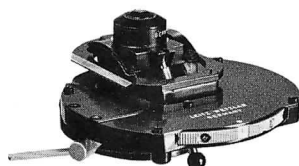
TWO LENS CONDENSER #66
#512 021 \$36.00



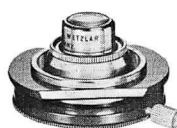
TWO LENS CONDENSER #70
#051 342 \$15.00



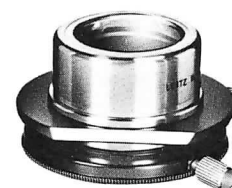
SWING OUT CONDENSER #60
#512 085 \$51.00



PHASE CONTRAST CONDENSER #402A
513 140 \$199.00



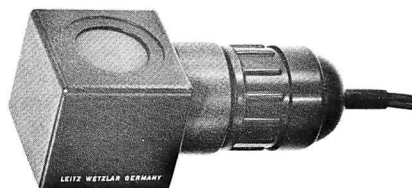
IMMERSION DARKFIELD CONDENSER #82
#513 109 \$91.00



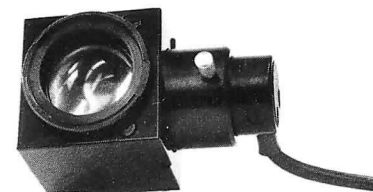
DRY DARKFIELD CONDENSER #84
#513 111 \$120.00



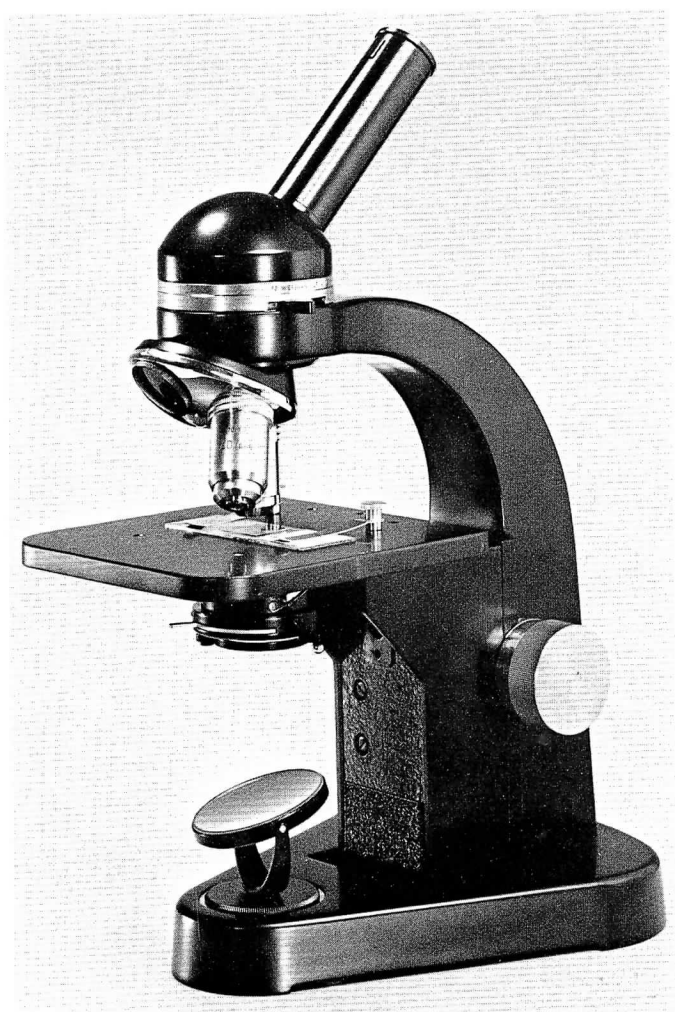
MIRROR IN MOUNT
#512 078 \$12.00



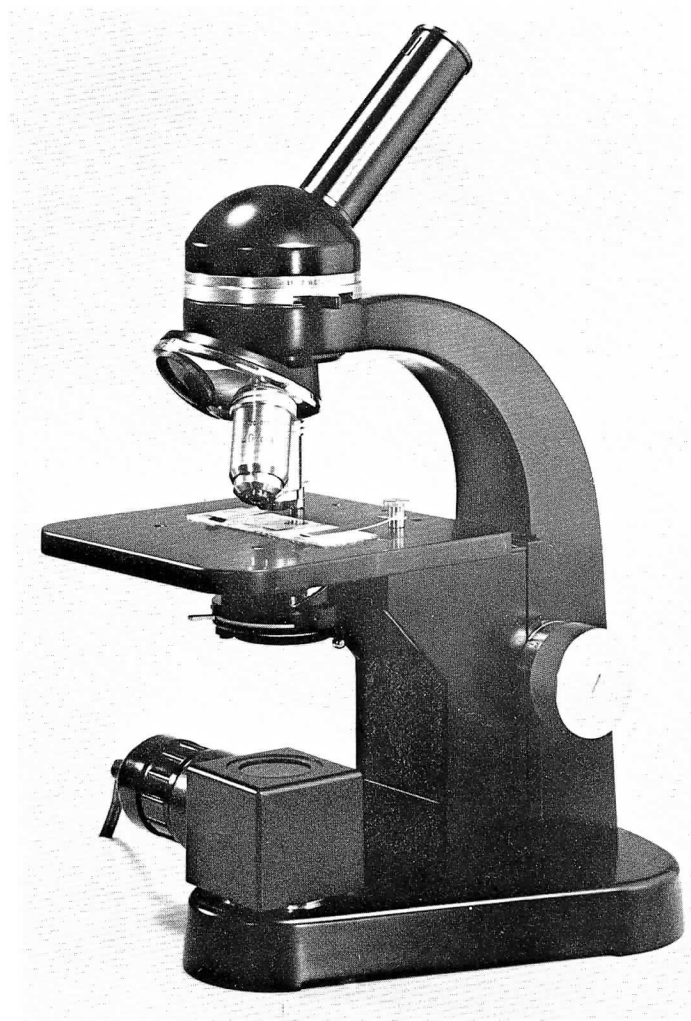
MICRO DIA LAMP
#514 096 \$23.00



LOW VOLTAGE LAMP WITH REGULATING
TRANSFORMER #051 475 \$56.00



SM-M 0.4.10.12 P 19/65
Optics: A11a Mono



SM-M 0.4.10.13 P 19/65
Optics: A11a Mono

LEITZ MONOCULAR MEDICAL MICROSCOPE SM-M CONSISTING OF:

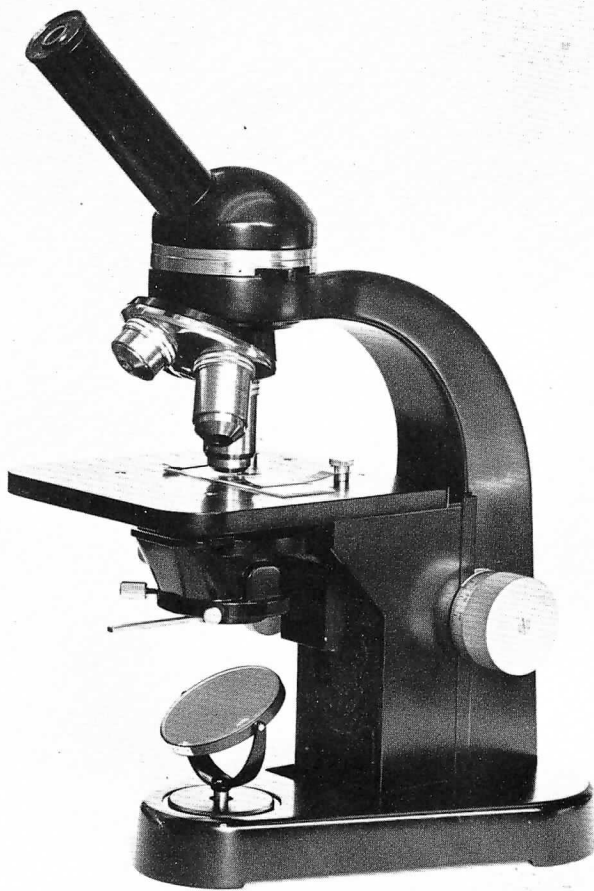
051 230	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Fixed cylindrical sleeve -.-.10.-, permitting the interchange of sleeve mounted condensers; including protective dust cover	\$ 92.00
512 065	Interchangeable, inclined monocular tube "P"	46.00
512 028	Plain stage #19, with one pair of slide clips, 130 x 125mm	14.00
512 020	Single lens condenser #65, A. 0.65, with iris diaphragm, filter holder with blue and ground glass filters, in cylindrical sleeve mount	22.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
512 078	Plane and concave mirror -.-.12	12.00
512 210	LEITZ Microscope SM-M 0.4.10.12 P 19/65 as described above	\$ 221.00

OPTICAL EQUIPMENT A11a MONO

519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	\$ 35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 221	Huygens eyepiece, single H10x, field of view 14mm	12.00
510 047	LEITZ Monocular Medical Microscope SM-M 0.4.10.12 P 19/65 + A11a Mono, complete as described above	\$ 322.00
510 048	LEITZ Monocular Medical Microscope SM-M 0.4.10.13 P 19/65 + A11a Mono, complete as described above, however, equipped with Micro-dia Lamp 15 watts, 110 volts, in place of the mirror	\$ 333.00

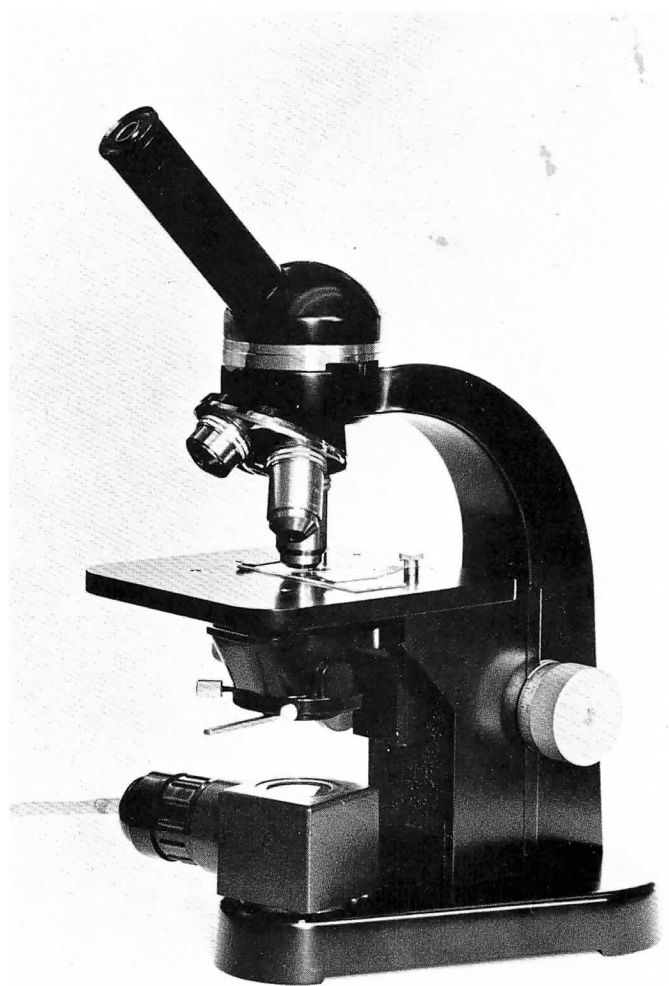
OPTIONAL EQUIPMENT

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 006	Achromatic dry objective, 25x/0.50, focal length 7.1mm, free working distance 0.92mm, with spring loaded mount	68.00
512 045	Leatherette carrying case, upright	\$ 34.00
051 321	Attachable mechanical stage SK1, traversing area 75 x 26mm	\$ 39.00
513 155	Attachable mechanical stage #21, with low set coaxial control knobs, traversing area 75 x 26mm	67.00



SM-M 0.4.11.12 P 19/601

Optics: A6a Mono



SM-M 0.4.11.13 P 19/601

Optics: A6a Mono

LEITZ MONOCULAR MEDICAL MICROSCOPE SM-M CONSISTING OF:

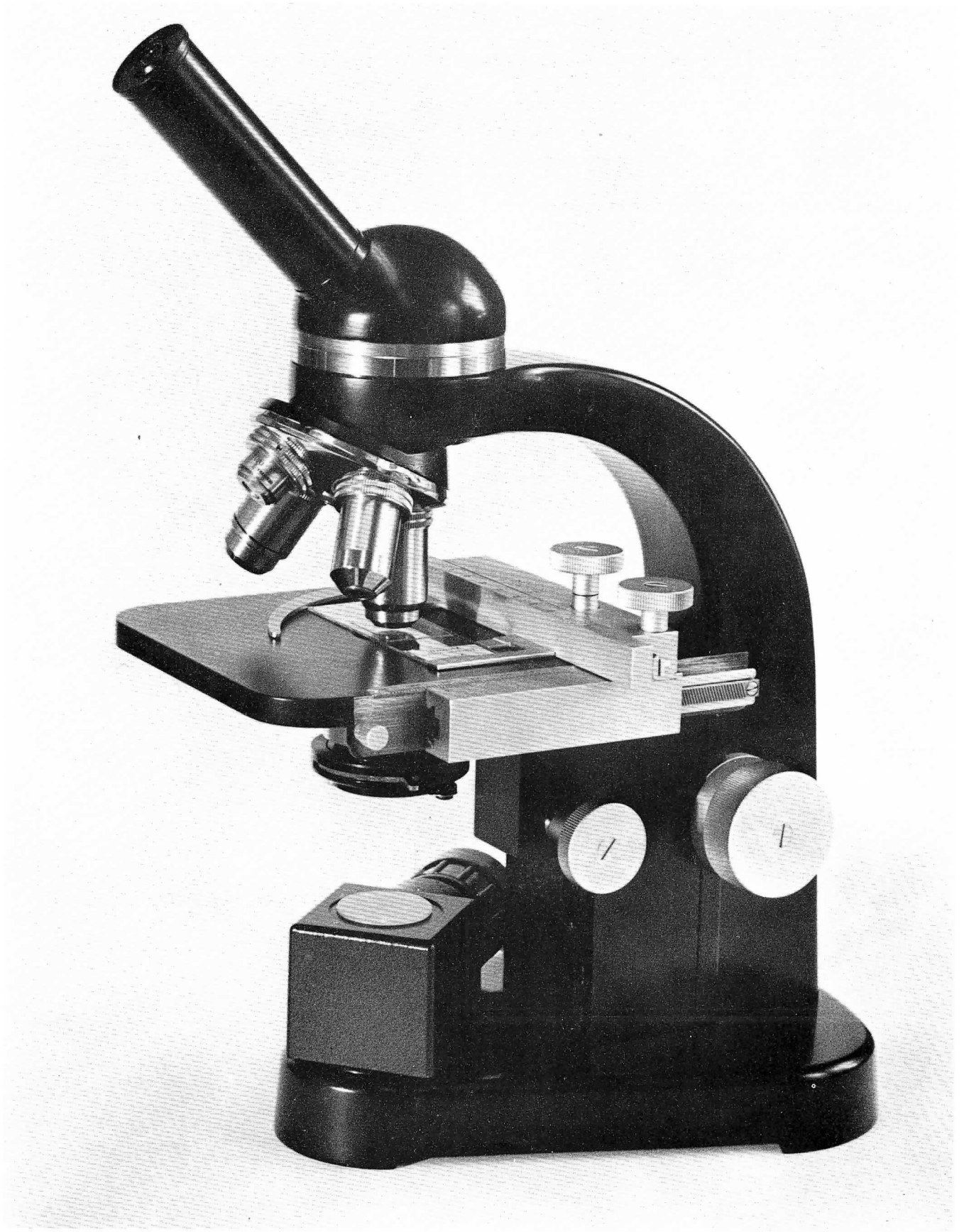
051 231	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Fixed slider ---.11.-, accepting dovetail mount condensers; including protective dust cover	\$ 97.00
512 065	Interchangeable, inclined monocular tube "P"	46.00
512 028	Plain stage #19, with one pair of slide clips, 130 x 125mm	14.00
512 085	Swing-out condenser with aperture diaphragm and interchangeable aspherical top element N.A. 0.90, #601	51.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
512 078	Plane and concave mirror ---.12	12.00
512 214	LEITZ Microscope SM-M 0.4.11.12 P 19/601 as described above	\$ 255.00

OPTICAL EQUIPMENT A6a MONO

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 221	Huygens eyepiece, single H10x, field of view 14mm	12.00
510 051	LEITZ Monocular Medical Microscope SM-M 0.4.11.12 P 19/601 + A6a Mono, complete as described above	\$ 388.00
510 052	LEITZ Monocular Medical Microscope SM-M 0.4.11.13 P 19/601 + A6a Mono, complete as described above, however, equipped with Micro-dia Lamp 15 watts, 110 volts, in place of the mirror	\$ 399.00

OPTIONAL EQUIPMENT

519 060	Achromatic oil immersion objective, Oil 100x/1.30, focal length 1.9mm, free working distance 0.13mm, with spring loaded mount	\$ 92.00
512 045	Leatherette carrying case, upright	\$ 34.00
051 321	Attachable mechanical stage SK 1, traversing area 75 x 26mm	\$ 39.00
513 155	Attachable mechanical stage #21, with low set coaxial control knobs, traversing area 75 x 26mm	67.00



SM-M 0.4.5.13 P 26/70 Optics: A2n Mono

LEITZ MONOCULAR MEDICAL MICROSCOPE SM-M CONSISTING OF:

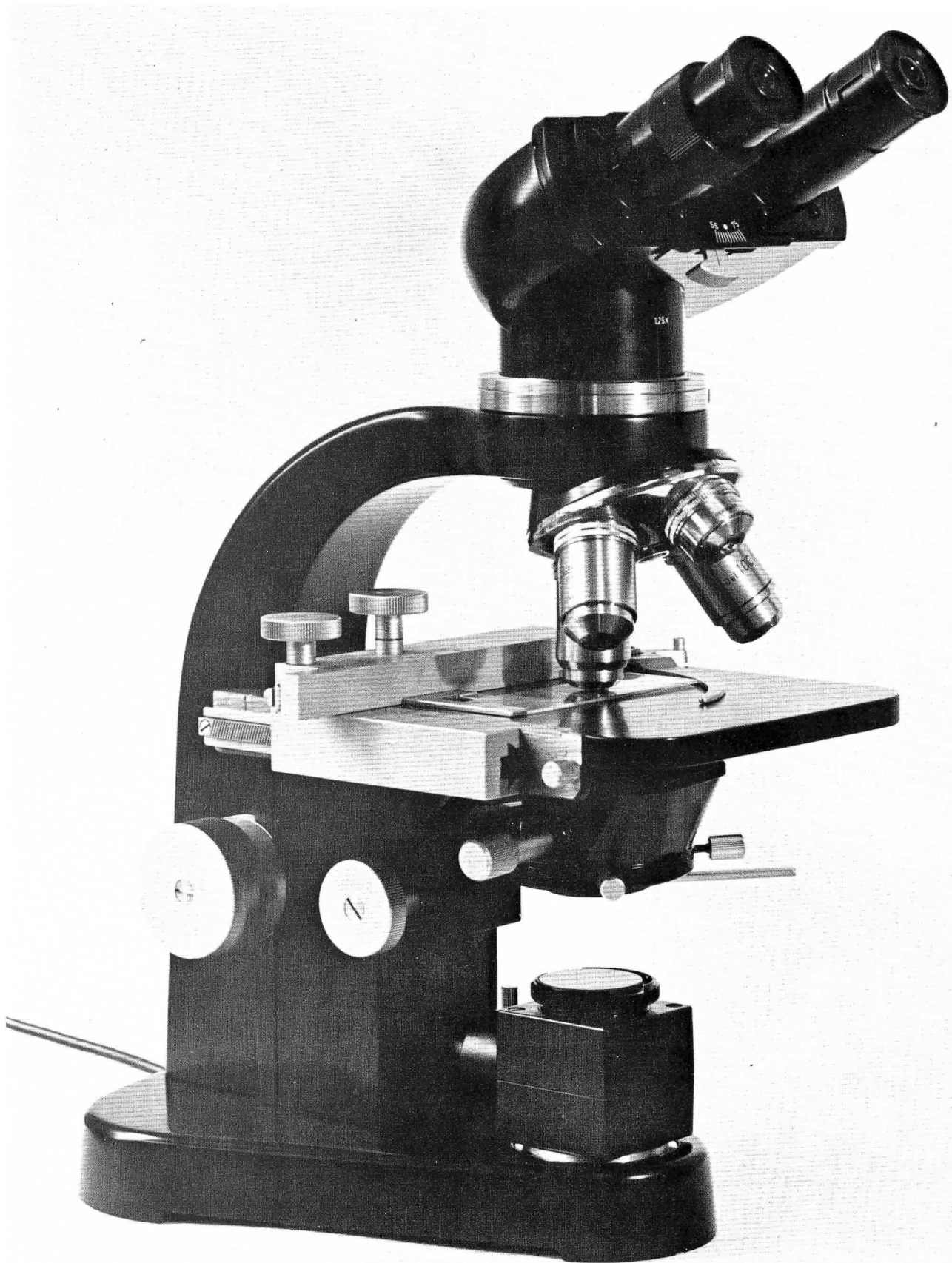
051 235	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Rack and pinion with dovetail slider --.5, for the adjustment in the height of condenser; including protective dust cover	\$ 120.00
512 065	Interchangeable, inclined monocular tube "P"	46.00
512 123	Mechanical stage #26, with scales and verniers, traversing area 76 x 50mm (3" x 2")	79.00
051 342	Two lens condenser #70, A. 1.20, with iris diaphragm, filter holder with blue and ground glass filters, in dovetail mount	15.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
514 096	Micro-dia lamp --.13, 15 watt, for direct connection to 110 volts A.C.	23.00
	LEITZ Microscope SM-M 0.4.5.13 P 26/70 as described above	\$ 318.00

OPTICAL EQUIPMENT A2n MONO

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 060	Achromatic oil immersion objective, Oil 100x/1.30, focal length 1.9mm, free working distance 0.13mm, with spring loaded mount	92.00
519 128	Periplanatic eyepiece, single 10x ⁰ , field of view 18mm	29.00
	LEITZ Monocular Medical Microscope SM-M 0.4.5.13 P 26/70 + A2n Mono complete as described above	\$ 560.00

OPTIONAL

512 045	Leatherette carrying case, upright	\$ 34.00
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LEITZ BINOCULAR MEDICAL MICROSCOPE SM-M CONSISTING OF:

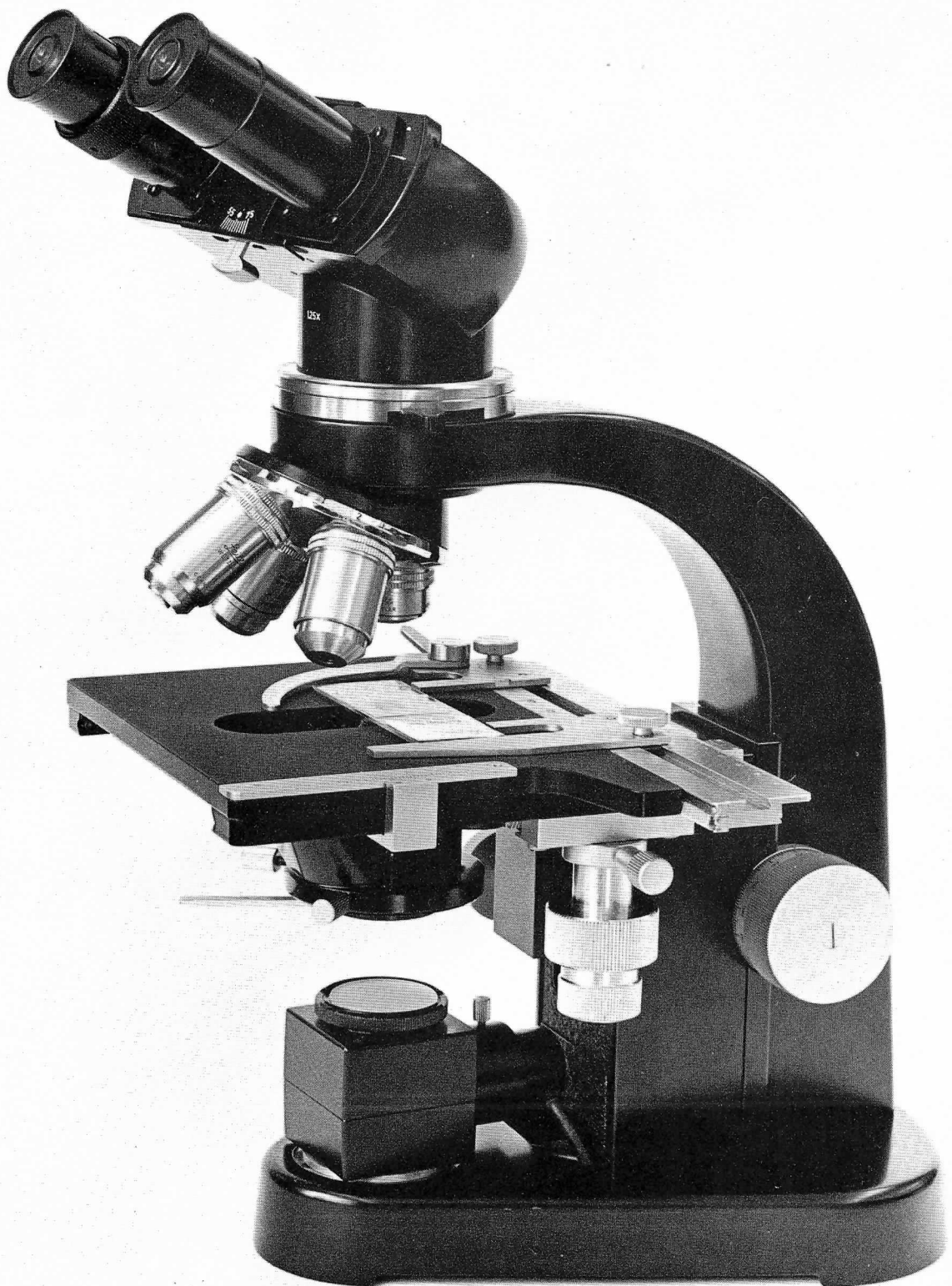
051 235	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Rack and pinion with dovetail slider --.5, for the adjustment in the height of condenser; including protective dust cover	\$ 120.00
512 066	Interchangeable, inclined binocular tube "S" (tube factor 1.25x)	213.00
512 123	Mechanical stage #26, with scales and verniers, traversing area 76 x 50mm (3" x 2")	79.00
512 085	Swing-out condenser with aperture diaphragm and interchangeable aspherical top element N.A. 0.90, #601	51.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
051 475	Low voltage lamp 6.3 volts, 0.8 amps, 5 watt with adjustable aspherical condenser, blue and ground glass filters and regulating transformer (mounted to the microscope by means of a bayonet lock)	56.00
	LEITZ Microscope SM-M 0.4.5.051 475 S 26/601 as described above	\$ 554.00

OPTICAL EQUIPMENT A2n BINO

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 060	Achromatic oil immersion objective, Oil 100x/1.30, focal length 1.9mm, free working distance 0.13mm, with spring loaded mount	92.00
519 129	Periplanatic eyepieces, paired 10x ⁰ , field of view 18mm	58.00
	LEITZ Binocular Medical Microscope SM-M 0.4.5.051 475 S 26/601 + A2n Bino complete as described above	\$ 825.00

OPTIONAL

512 045	Leatherette carrying case, upright	\$ 34.00
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SM-M 0.4.5.051 475 S 47/601

Optics: A2n Bino

LEITZ BINOCULAR MEDICAL AND LABORATORY MICROSCOPE SM-M CONSISTING OF:

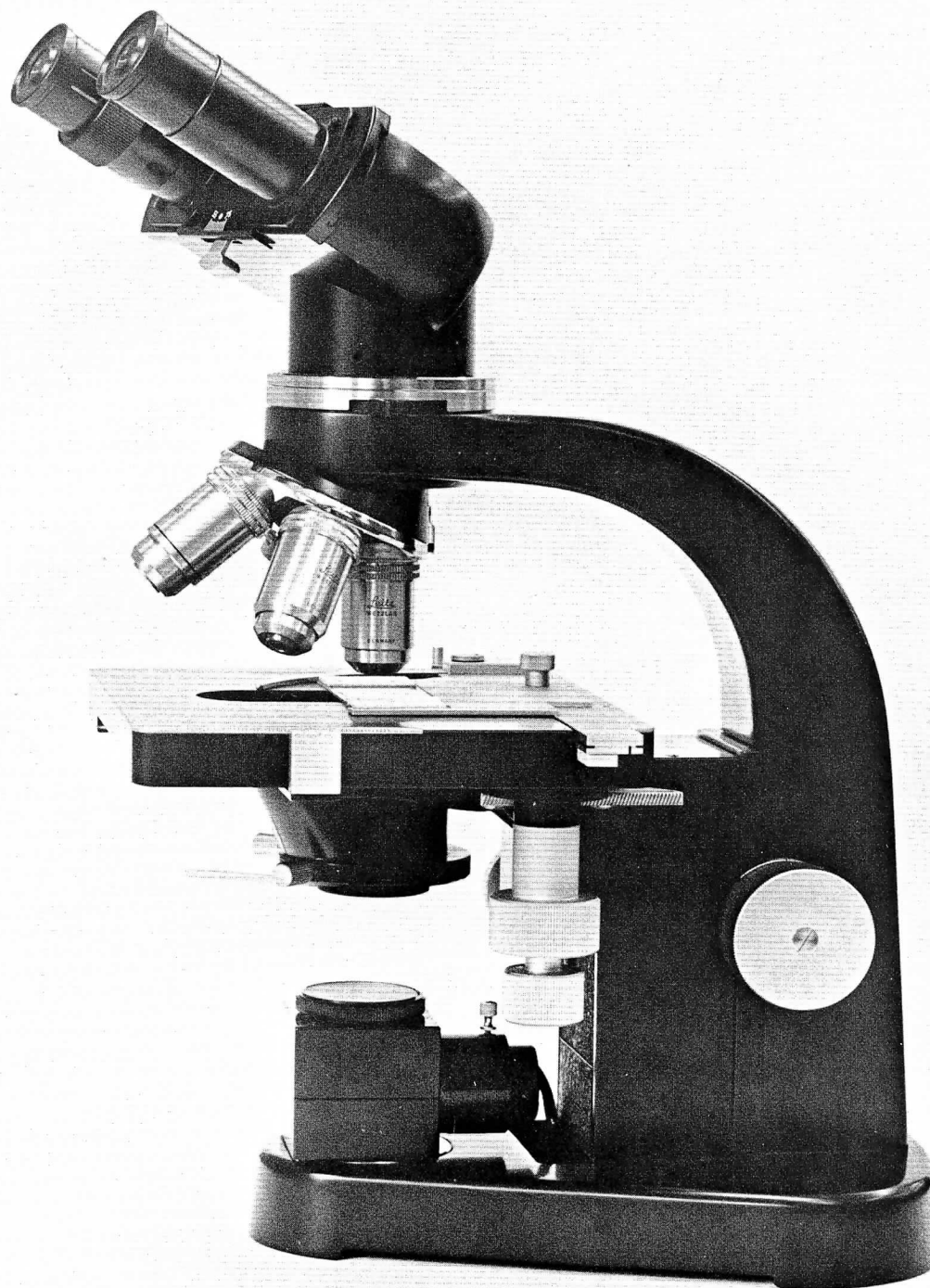
051 235	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Rack and pinion with dovetail slider -.5, for the adjustment in the height of condenser; including protective dust cover	\$ 120.00
512 066	Interchangeable, inclined binocular tube "S" (tube factor 1.25x)	213.00
051 322	Mechanical stage #47, 135 x 135mm, with scales and verniers, low set operating knobs, traversing area 76 x 50mm	94.00
512 085	Swing-out condenser with aperture diaphragm and interchangeable aspherical top element N.A. 0.90, #601	51.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
051 475	Low voltage lamp 6.3 volts, 0.8 amps, 5 watt with adjustable aspherical condenser, blue and ground glass filters and regulating transformer (mounted to the microscope by means of a bayonet lock)	56.00
	LEITZ Microscope SM-M 0.4.5.051 475 S 47/601 as described above	\$ 569.00

OPTICAL EQUIPMENT A2n BINO

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 060	Achromatic oil immersion objective, Oil 100x/1.30, focal length 1.9mm, free working distance 0.13mm, with spring loaded mount	92.00
519 129	Periplanatic eyepieces, paired 10x ⁰ , field of view 18mm	58.00
	LEITZ Binocular Medical and Laboratory Microscope SM-M 0.4.5.051 475 S 47/601 + A2n Bino complete as described above	\$ 840.00

OPTIONAL

512 045	Leatherette carrying case, upright	\$ 34.00
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SM-M 0.4.5.051 475 S 48/601 Optics: A2n Bino

LEITZ BINOCULAR STUDENT AND LABORATORY MICROSCOPE SM-M CONSISTING OF:

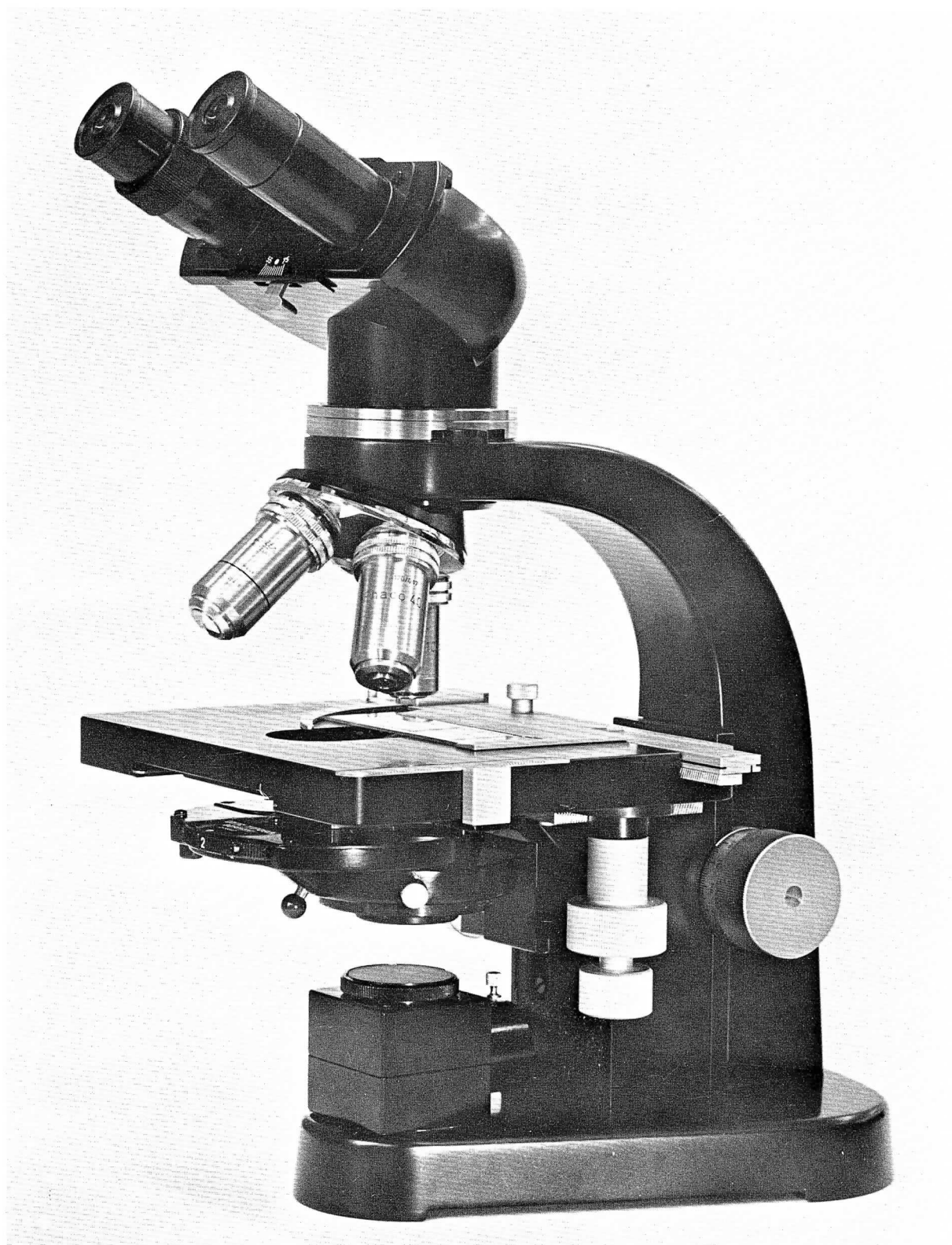
051 235	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Rack and pinion with dovetail slider --.5, for the adjustment in the height of condenser; including protective dust cover	\$ 120.00
512 066	Interchangeable, inclined binocular tube "S" (tube factor 1.25x)	213.00
512 025	Mechanical stage #48, 160 x 138mm, with scales and verniers, low set operating knobs on one axis, traversing area 76 x 50mm (3" x 2")	168.00
512 085	Swing-out condenser with aperture diaphragm and interchangeable aspherical top element N.A. 0.90, #601	51.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
051 475	Low voltage lamp 6.3 volts, 0.8 amps, 5 watt with adjustable aspherical condenser, blue and ground glass filters and regulating transformer (mounted to the microscope by means of a bayonet lock)	56.00
	LEITZ Microscope SM-M 0.4.5.051 475 S 48/601 as described above	\$ 643.00

OPTICAL EQUIPMENT A2n BINO

519 036	Achromatic dry objective, 3.5x/0.10, focal length 31.6mm, free working distance 23mm	\$ 32.00
519 004	Achromatic dry objective, 10x/0.25, focal length 16.3mm, free working distance 5.7mm	35.00
519 003	Achromatic dry objective, 40x/0.65, focal length 4.46mm, free working distance 0.67mm, with spring loaded mount	54.00
519 060	Achromatic oil immersion objective, Oil 100x/1.30, focal length 1.9mm, free working distance 0.13mm, with spring loaded mount	92.00
519 129	Periplanatic eyepieces, paired 10x ⁰ , field of view 18mm	58.00
	LEITZ Binocular Student and Laboratory Microscope SM-M 0.4.5.051 475 S 48/601 + A2n Bino complete as described above	\$ 914.00

OPTIONAL

512 045	Leatherette carrying case, upright	\$ 34.00
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SM-M 0.4.5.051 475 S 48/402a Optics: C 10 Bino

LEITZ BINOCULAR STUDENT & LABORATORY PHASE MICROSCOPE SM-M CONSISTING OF:

051 235	Modern stand, SM-M, made of non-corroding alloy with single knob, combined coarse and fine adjustment. Rack and pinion with dovetail slider --.5, for the adjustment in the height of condenser; including protective dust cover	\$ 120.00
512 066	Interchangeable, inclined binocular tube "S" (tube factor 1.25x)	213.00
512 025	Mechanical stage #48, 160 x 138mm, with scales and verniers, low set operating knobs on one axis, traversing area 76 x 50mm (3" x 2")	168.00
513 140	Phase contrast condenser, PHACO #402a, with aperture diaphragm, swing-out upper element Achr. 0.90 and revolving disc containing three annular diaphragms, in dovetail mount	199.00
512 043	Quadruple revolving objective nosepiece 0.4.-, on ball bearing races	35.00
051 475	Low voltage lamp 6.3 volts, 0.8 amps, 5 watt with adjustable aspherical condenser, blue and ground glass filters and regulating transformer (mounted to the microscope by means of a bayonet lock)	56.00
	LEITZ Microscope SM-M 0.4.5.051 475 S 48/402a as described above	\$ 791.00

OPTICAL EQUIPMENT C10 BINO

519 165	Achromatic dry phase objective, PHACO 10x/0.25, free working distance 7.7mm	\$ 80.00
519 236	Achromatic dry phase contrast objective, PHACO 25x/0.50, focal length 7.2mm, free working distance 1.06mm, with spring loaded mount	144.00
519 166	Achromatic dry phase objective, PHACO 40x/0.65, free working distance 0.71mm, with spring loaded mount	102.00
519 167	Achromatic oil immersion phase objective, PHACO Oil 100x/1.30, free working distance 0.17mm, with spring loaded mount	154.00
519 142	Periplanatic widefield eyepieces, paired GF 10x, field of view 18mm	78.00
513 123	Magnifier for focusing the phase ring	34.00
	LEITZ Binocular Student and Laboratory Microscope SM-M 0.4.5.051 475 S 48/402a + C10 Bino 513 123, complete as described above	\$1,383.00

OPTIONAL

512 045	Leatherette carrying case, upright	\$ 34.00
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OBJECTIVES FOR TRANSMITTED-LIGHT INVESTIGATION IN BRIGHT-DARKFIELD

Designation of Objectives	Magnification/Aperture	Type of eyepiece	Cover glass correction	Focal length mm	Free working distance mm	Catalog #	Price \$
ACHROMATIC DRY OBJECTIVES	2.5x/0.07	P	D O	56.8	14	519 044	Discontinued
	3.2x/0.12	H	D O	39.8	35	519 005	Discontinued
	3.5x/0.10	H	D O	31.6	23	519 036	32.00
	6x/0.18	H	D O	23.1	17	519 001	34.00
	10x/0.25	H	D O	16.3	5.7	519 004	35.00
	13x/0.40	H	D O	13.3	3.4	519 237	59.00
	25x/0.50	P	D	7.1	0.92	519 006	68.00
	40x/0.65	P	D	4.46	0.67	519 003	54.00
	63x/0.85	P	D !	2.9	0.29	519 002	77.00
	Iris 63x/0.85	P	D	2.9	0.29	519 047	111.00
ACHROMATIC IMMERSION OBJECTIVES We = WATER	Oil & We 22x/0.65	P	D O	8.1	0.32	519 059	104.00
	We 90x/1.20	P	D	2.1	0.09	519 171	154.00
	Oil 100x/1.30	P	D ⁴	1.9	0.13	519 060	92.00
	Iris Oil 100x/1.30-1.10	P	D	1.9	0.13	519 045	154.00
FLUORITE DRY OBJECTIVES	Fl 40x/0.85	P	D 1	4.3	0.38	519 025	151.00
FLUORITE IMMERSION OBJECTIVES	Fl Oil 54x/0.95	P	D O	3.4	0.22	519 027	160.00
	Fl Oil 95x/1.32	P	D ⁴	2.0	0.15	519 026	203.00
	Iris Fl Oil 95x/1.32	P	D	2.0	0.15	519 046	281.00
PLANO ACHROMATIC OBJECTIVES (NPL) FOR FIELD OF VIEW UP TO 18MM ϕ	NPL 6.3x/0.20	P	D O	23.6	2.0	519 245	104.00
	NPL 16x/0.40	P	D	10.8	0.50	519 246	107.00
	NPL 25x/0.50	P	D	6.99	0.38	519 247	119.00
	NPL 40x/0.65	P	D	4.53	0.15	519 248	140.00
	NPL Oil 100x/1.30	P	D	1.73	0.21	519 249	240.00

OBJECTIVES TRANSMITTED LIGHT, PHASE CONTRAST

Designation of Objectives	Magnification/Aperture	Type of eyepiece	Cover glass correction	Contrast	Free working distance mm	Catalog #	Price \$
PHASE CONTRAST, PHACO WITH ZERNIKE CONDENSER	PHACO 10x/0.25	P	D O	Normal	7.7	519 165	80.00
	PHACO 25x/0.50	P	O	Normal	1.06	519 236	144.00
	PHACO 40x/0.65	P	D	Normal	0.71	519 166	102.00
	PHACO Oil 100x/1.30	P	D	Normal	0.17	519 167	154.00
PLANO-PHASE CONTRAST, PHACO-NPL WITH ZERNIKE CONDENSER	PHACO-NPL 10x/0.25	P	D O	Normal		519 250	149.00
	PHACO-NPL 16x/0.40	P	D O	Normal	0.50	519 251	154.00
	PHACO-NPL 25x/0.50	P	D	Normal	0.38	519 252	176.00
	PHACO-NPL 40x/0.65	P	D	Normal	0.15	519 253	197.00
	PHACO-NPL Oil 100x/1.30	P	D	Normal	0.21	519 254	294.00

1) D : with cover glass D = 0.17 (coverglass thickness should be observed to within ± 0.05 mm)

O : without coverglass

DO: can be used with or without coverglass

D!: coverglass thickness 0.17mm should be observed accurately to within ± 0.01 mm, or should be accurately set with the correction mount where it varies from this values.

3) H = use Huygens eyepiece, P = use PERIPLAN or widefield eyepieces

4) These oil immersion objectives may also be used for uncovered subjects (smear preparations without cover-glass); the negligible reduction of image quality can be ignored.

All objectives from 3.5/0.10 are parfocal on the nose-piece.

EYEPIECES

HUYGENS EYEPIECES 23.2mm ϕ						PERIPLANATIC WIDEFIELD EYEPIECES 23.2mm ϕ					
Magnification	Field of view mm	CATALOG NUMBER				Magnification	Field of view mm	CATALOG NUMBER			
		Single	Price	Pair	Price			Single	Price	Pair	Price
* 6x	19	519 034	11.00			GF 10x	18	519 137	39.00	519 142	78.00
* 6x	17			519 030	22.00	GF 10xM	18	519 126	50.00	519 127	89.00
H 6.3x	18	519 180	16.00	519 181	32.00	GF 12.5x	18	519 051	49.00	519 053	98.00
H 6.3xM	18	519 182	24.00	519 183	40.00	GF 12.5xM	18	519 055	56.00	519 056	105.00
H 10x	14	519 221	12.00	519 222	24.00	GF 16x	15	519 138	46.00	519 143	92.00
						GF 25x	10	519 140	50.00	519 144	100.00
						GF 25xM	10	519 141	58.00	519 130	108.00
PERIPLANATIC EYEPIECES 23.2mm ϕ						PERIPLANATIC HIGH EYEPOINT EYEPIECES 23.2mm ϕ					
Magnification	Field of view mm	CATALOG NUMBER				Magnification	Field of view mm	CATALOG NUMBER			
		Single	Price	Pair	Price			Single	Price	Pair	Price
6.3x	18	519 185	33.00	519 186	66.00	8x	18	519 147	46.00	519 148	92.00
6.3xM	18	519 188	41.00	519 187	74.00	10x	15	519 135	48.00	519 136	96.00
8x	16	519 139	24.00	519 028	48.00	10xM	15	519 134	62.00	519 125	110.00
10x ^o	18	519 128	29.00	519 129	58.00						
10xM	14.6	519 170	44.00	519 035	88.00						
* 12x	13	519 219	23.00	051 980	46.00						
12.5xMM	12	569 059	67.00	569 058	134.00						
15x	12.5	051 982	23.00	051 983	46.00						

* Discontinued, limited supply still available

INDIVIDUAL COMPONENTS

TUBES

512 064	Interchangeable, straight monocular tube "O"	\$ 25.00
512 065	Interchangeable, inclined monocular tube "P"	46.00
512 066	Interchangeable, inclined binocular tube "S" (tube factor 1.25x)	213.00
513 264	Discussion tube for the simultaneous observation by two people of the microscope image with built-in mechanical arrow pointer and two bayonet mounts to accept the standard monocular or binocular observation tubes (not included); both discussion and observation tubes independently rotatable 360° for the desired observation position	\$ 498.00
513 266	Comparison tube with built-in prism system, half stops, adjustment screws to correct slight magnification differences of the two microscope objectives of equal image size and bayonet mount to accept standard microscope tube	\$ 640.00

STAGES

512 028	Plain stage #19, with one pair of slide clips, 130 x 125mm	\$ 14.00
051 321	Attachable mechanical stage SK1, traversing area 75 x 26mm	39.00
513 155	Attachable mechanical stage #21, with low set coaxial control knobs, traversing area 75 x 26mm	67.00
512 123	Mechanical stage #26, with scales and verniers, traversing area 76 x 50mm (3" x 2")	79.00
051 322	Mechanical stage #47, 135 x 135mm, with scales and verniers, low set operating knobs, traversing area 76 x 50mm	94.00
512 025	Mechanical stage #48, 160 x 138mm, with scales and verniers, low set operating knobs on one axis, traversing area 76 x 50mm (3" x 2")	168.00

BRIGHTFIELD CONDENSERS

512 020	Single lens condenser #65, A.0.65, with iris diaphragm, filter holder with blue and ground glass filters, in cylindrical sleeve mount (only fitting the stand #051 230)	\$ 22.00
512 021	Two lens condenser #66, A. 1.20, with iris diaphragm, filter holder with blue and ground glass filters, in cylindrical sleeve mount (only fitting the stand #051 230)	36.00
051 342	Two lens condenser #70, A. 1.20, with iris diaphragm, filter holder with blue and ground glass filters, in dovetail mount	15.00
512 085	Swing-out condenser with aperture diaphragm and interchangeable aspherical top element N.A. 0.90, #601	51.00

PHASE CONTRAST CONDENSER

513 140	Phase contrast condenser, PHACO #402a, with aperture diaphragm, swing-out upper element Achr. 0.90 and revolving disc containing three annular diaphragms, in dovetail mount	\$ 199.00
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DARKFIELD CONDENSERS

513 109	Immersion darkfield condenser #82, D 1.20, in centering mount	\$ 91.00
513 111	Dry darkfield condenser #84, D 0.80, in centering mount	120.00

ILLUMINATORS

512 078	Plane and concave mirror -.-.-.12	\$ 12.00
514 096	Micro-dia lamp -.-.-.13, 15 watt, for direct connection to 110 volts A.C.	23.00
051 475	Low voltage lamp 6.3 volts, 0.8 amps, 5 watt with adjustable aspherical condenser, blue and ground glass filters and regulating transformer (mounted to the microscope by means of a bayonet lock)	56.00
514 095	Low voltage lamp 6 volts, 15 watts (requires transformer # 500 124)	85.00

TRANSFORMERS

22 500 124	Regulating transformer with voltmeter for 6 volts, 15 watts or 6 volts, 5 watts; for connection to 110/120 volts, 60 cycles A.C.	\$ 67.00
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SPARE BULBS

500 013	Bulb 15 watts, 110 volts A.C. (for #514 096)	\$ 1.00
050 520	Bulb 6.3 volts, 5 watts (for #051 475)	0.40
500 012	Bulb 6 volts, 15 watts (for #514 095)	3.00

CASE

512 045	Leatherette carrying case, upright	\$ 34.00
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MISCELLANEOUS ACCESSORIES

513 093	Diamond object marker	\$ 42.00
513 030	Cover glass thickness gauge with graduation (1 interval = 1/100mm)	31.00
513 211	Funnel stop for achromatic objective 63x/0.85	\$ 2.00
513 069	Funnel stop for achromatic objective 100x/1.30 and fluorite 95x/1.32	2.00
513 212	Funnel stop for fluorite 54x/0.95	2.00

NEW DRAWING ATTACHMENT

513 261	Drawing attachment with 80/20 prism, adjustable lateral drawing tube, focusing device with built-in achromatic objective, eyepiece tube for the projection eyepiece (eyepiece not included), 45° mirror and bayonet mount for observation tubes; for SM and LABOLUX microscopes	\$ 301.00
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NOTE:

The microscope light source must be equipped with a regulating transformer. A 60 watt desk lamp is also required to illuminate the drawing area

RECOMMENDED EYEPIECES

519 051	Periplanatic widefield eyepiece, single GF 12.5x, field of view 18mm (drawing area 14 - 23cm)	\$ 49.00
519 137	Periplanatic widefield eyepiece, single GF 10x, field of view 18mm (drawing area 10 - 18cm)	39.00
519 180	Huygens eyepiece, single H 6.3x, field of view 18mm (drawing area 7 - 11cm)	16.00

Prices and Specifications are subject to change without notice, as we endeavor constantly to improve our products in keeping with the latest technical developments.

TERMS: NET 30 DAYS

Effective: January 1st, 1968

Catalog #51.2-D.SM

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