

**Price  
List**

**10b**

EFFECTIVE SEPTEMBER 1, 1980  
REVISED FEBRUARY 1, 1982

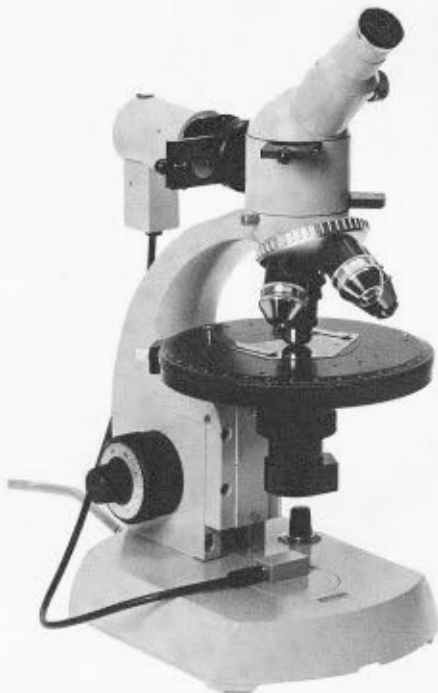
Carl Zeiss, Inc.  
One Zeiss Drive  
Thornwood, N.Y. 10594  
(914) 747-1800

**ZEISS**

West Germany



## **Polarizing Microscopes FOR STUDENT AND LABORATORY USE**



Microscope for  
Transmitted Light .....Page 10b.2

Microscope for  
Reflected Light .....Page 10b.2

Accessories .....Page 10b.3, 4



47 09 04-9902	Microscope Standard 04 with quadruple nosepiece .....	\$	496.00
47 34 64	Rotating stage 64 Pol .....		510.00
47 33 73	2 Stage clips .....	\$8.00 ea.	16.00
47 30 30-9905	Small inclined monocular tube Pol with Bertrand lens .....		770.00
47 93 00	Plastic dust cover .....		7.00
	<b>BASIC LABORATORY STAND 04 PCL .....</b>		<b>\$ 1,799.00</b>
46 70 07	Lucigen lamp housing with polarizer .....	\$	204.00
46 80 05	Lamp socket 6V, 5W .....		36.00
46 86 75-9901	Connecting cable .....		22.50
38 00 29-7180	2 Bulbs 6V, 5W .....	\$1.80 ea.	3.60
46 70 66-9911	Rheostat control and in-base transformer with 3 wire cord and plug .....		177.00
	<b>ILLUMINATOR, COMPLETE .....</b>		<b>\$ 443.10</b>
46 01 19	Planachromat 2.5/0.08 Pol S .....	\$	354.00
46 04 08	Achromat 10/0.22 Pol Z .....		443.00
46 07 08	Achromat 40/0.85 Pol Z .....		690.00
46 29 81	Plug for nosepiece .....		.70
47 37 04	Quartz plate Red I in slider .....		159.00
46 48 89	Pin hole stop .....		15.00
46 39 15	Eyepiece C 8x/16 Pol with crosshair .....		231.00
	<b>OPTICAL EQUIPMENT FOR TRANSMITTED LIGHT .....</b>		<b>\$ 1,892.70</b>
	<b>STANDARD 04 COMPLETE FOR TRANSMITTED LIGHT WITH LUCIGEN ILLUMINATOR .....</b>		<b>\$ 4,134.80</b>



47 09 04-9902	Microscope Standard 04 with quadruple nosepiece .....	\$	496.00
47 34 64	Rotating stage 64 Pol .....		510.00
47 33 73	2 Stage clips .....	\$8.00 ea.	16.00
47 30 32	Inclined monocular tube Pol with Epi-illumination port .....		1,176.00
47 93 00	Plastic dust cover .....		7.00
	<b>BASIC LABORATORY STAND 04 POL .....</b>		<b>\$ 2,205.00</b>
46 70 07	Lucigen lamp housing with polarizer .....	\$	204.00
46 80 05	Lamp socket 6V, 5W .....		36.00
46 86 75-9901	Connecting cable .....		22.50
38 00 29-7180	2 Bulbs 6V, 5W .....	\$1.80 ea.	3.60
46 70 66-9911	Rheostat control and in-base transformer with 3 wire cord and plug .....		177.00
	<b>ILLUMINATOR, COMPLETE .....</b>		<b>\$ 443.10</b>
46 01 19	Planachromat 2.5/0.08 Pol S .....	\$	354.00
46 04 08	Achromat 10/0.22 Pol Z .....		443.00
46 07 08	Achromat 40/0.85 Pol Z .....		690.00
46 20 04	Epiplan 40/0.85 Pol .....		980.00
46 29 99	Intermediate ring .....		22.00
46 29 87	Intermediate centerable ring for Epiplan 40x .....		197.00
47 37 04	Quartz plate Red I in slider .....		159.00
46 48 89	Pin hole stop .....		15.00
46 63 21	Reflected light attachment with plane glass reflector Hpl and polarizer .....		558.00
46 70 69	Lamphousing 5 including lamp socket, connecting cable and bulb 6V, 5W .....		143.00
46 39 15	Eyepiece C 8x/16 with crosshair .....		231.00
	<b>OPTICAL EQUIPMENT FOR TRANSMITTED AND REFLECTED LIGHT .....</b>		<b>\$ 3,792.00</b>
	<b>STANDARD 04 COMPLETE FOR TRANSMITTED AND REFLECTED LIGHT .....</b>		<b>\$ 6,440.10</b>

(Continued on page 10b.3)

**POL OBJECTIVES**



For Transmitted Light



Catalog Number	Effective Magnification/ Numerical Aperture	Working Distance mm	\$
46 20 11	Planachromat 1/0/0.04 (Pol)	4.4	765.00
46 01 18	Planachromat 2.5/0.08 Pol Z	8.5	490.00
46 01 19	Planachromat 2.5/0.08 Pol S	8.84	354.00
46 04 08	Achromat 10/0.22 Pol Z	5.0	443.00
46 06 28	Neofluar 25/0.60 Pol Z	0.54	880.00
46 07 08	Achromat 40/0.85 Pol Z	0.36	690.00
46 08 18	Plan-Neofluar 63/0.90 Pol Z	0.09	1,500.00
46 19 08	Achromat 100/1.25 Pol Z oil	0.09	678.00

**EIPLAN "POL" OBJECTIVES** (in short mount, 22 mm.)  
thread = W 0.8"





		46 29 87	Centerable ring for Eiplan objectives .....	\$ 197.00
		46 29 99	Intermediate ring 11mm, I/E W0.8" .....	22.00

Catalog Number	Effective Magnification/ Numerical Aperture	Working Distance mm	\$
46 20 01	Eiplan 4/0.10 Pol	9.0	474.00
46 20 02	Eiplan 8/0.20 Pol	7.1	540.00
46 20 03	Eiplan 16/0.35 Pol	2.7	750.00
46 20 04	Eiplan 40/0.85 Pol	0.23	980.00
46 20 80	Eiplan 80/0.95 Pol	0.09	989.00
46 21 23	LD-Eiplan 16/0.30 Pol D = 1.5	4.1	876.00
46 29 15	Protection Cap LD 16 Pol D = 0	3.3	92.00
46 21 24-9901	LD-Eiplan 40/0.60 Pol D = 1.5	3.4	1,151.00
46 29 16	Protection Cap LD 40 Pol D = 0	2.4	92.00
46 20 06	Eiplan 4/0.10 Pol oil	0.3	740.00
46 20 07	Eiplan 8/0.20 Pol oil	0.3	790.00
46 15 76	Eiplan-Neofluar 16/0.50 (Pol) oil	0.32	1,089.00
46 16 76	Eiplan-Neofluar 25/0.80 (Pol) oil	0.38	1,576.00
46 17 76	Eiplan-Neofluar 40/0.90 (Pol) oil		2,350.00
46 20 09	Epi-Achromat 40/0.85 Pol oil	0.5	920.00
46 20 05-9903	Eiplan 100/1.25 Pol oil	0.25	1,400.00

**CROSSHAIR & POINTER EYEPIECES**



Catalog Number	Magnification	Field of View No.	Angle of View	\$
46 39 18	C 8x with pointer	16	30°	160.00
46 41 28	Kpl 12.5x  with pointer	12.5	36°	280.00
46 39 25	Kpl 8x Pol, crosshair	18	33°	350.00
46 41 45	Kpl 12.5x  Pol wide-angle with crossline micrometer	18	48°	500.00

STANDARD EYEPIECES



Catalog Number	Magnification	Field of View No.	Angle of View	\$
46 39 20	Kpl 8x	18	33°	150.00
46 39 22	Kpl 8x	18	32°	201.00
46 40 42-9903	Kpl 10x  wide-angle	18	41°	186.00
46 40 44-9901	Kpl 10x  super wide-angle	20	45°	230.00
46 41 20-9902	Kpl 12.5x	12.5	36°	114.00
46 41 42	Kpl 12.5x  wide-angle	18	48°	220.00

RETARDATION PLATES AND COMPENSATORS



47 37 04	Quartz plate red/1 in slider .....	\$	159.00
47 37 14	Mica plate $\lambda/4$ in slider .....		159.00
47 37 17	Senarmont compensator $\lambda/4$ , 589 m/ $\mu$ .....		559.00
47 37 18	Senarmont compensator $\lambda/4$ , 546 m/ $\mu$ .....		559.00
47 37 24	Quartz wedge 1-3 .....		627.00
47 37 30	Rotary mica compensator $\lambda/4$ in case .....		1,300.00
47 37 31	Rotary mica compensator $\lambda/10$ in case .....		1,300.00
41 37 33	Rotary mica compensator $\lambda/20$ in case .....		1,900.00
41 37 34	Rotary mica compensator $\lambda/30$ in case .....		2,465.00
47 37 32	Rotary mica compensator $\lambda/20$ in case .....		1,400.00
41 37 40	Tilttable compensator 0-5 Lamda in case .....		1,800.00
47 37 41-9901	Tilttable compensator 0-20 Lamda in case .....		3,500.00
47 16 50	Reduction piece 6x20/4x12 .....		129.00

TERMS ARE NET 30 DAYS, F.O.B. OUR PREMISES, THORNWOOD, N.Y.  
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