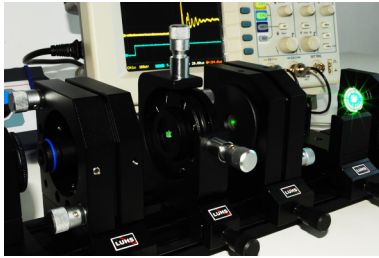


Complete set of optical experiments

✓ 20 optical experiments covering all topics of optics are selected and combined in this kit



The complete kit includes the full set-up for the experiments and topics as listed below.



Absorption and emission:	OX-01	Refractometer:	OX-11
Refraction of light:	OX-02	Holography:	OX-12
Refraction through prisms:	OX-03	Optical Gratings:	OX-13
Refraction through lenses:	OX-04	Spectral analysis:	OX-14
Double refraction of light:	OX-05	Beam deflection:	OX-15
Reflection and transmission:	OX-06	Optical Filters:	OX-16
Polarization:	OX-07	Colour mixing:	OX-17
Diffraction of light:	OX-08	Camera and imaging:	OX-18
Interference of light:	OX-09	Image Projection:	OX-19
Michelson interferometer	OX-10	LED and diode laser:	OX-20

OX-Complete set of the OX series (OX-9030) consisting of:

Item	Code	Qty	Description	Item	Code	Qty	Description
1	2B-0180	1	Screen, 40 x 80 mm, horizontal and vertical scale	48	LS-0060	1	LED NIR in C25 housing
2	2B-0280	1	Adapter for rotation platform	49	LS-0090	1	Spectral lamp with slit and power supply
3	2B-0400	1	Screen holder	50	LS-0130	1	Dimo diode laser module, 630 nm (red)
4	2B-1220	1	Angle joint, four way cross type	51	LS-0140	1	Diode laser module, 532 nm (green)
5	3L-0390	1	BNC-Banana connection leads 2x4 mm plugs	52	MC-0002	1	Profile Rail MG-65, 200 mm
6	4A-0330	1	Acrylic polarisation monitor	53	MC-0044	1	Carrier T-piece with magnetic top
7	4B-0030	1	Biconvex lens f=150 mm, C25 mount	54	MC-0060	2	Mounting plate 40, rotator, carrier 20 mm
8	4B-0040	3	Plano convex lens f=40 mm, C25 mount	55	MC-0100	2	Screen holder on carrier 20
9	4B-0050	1	Plano convex lens f=40 mm, Ø 22.4 mm, C25 mount	56	MC-0110	1	Optical screen, 40 x 80 mm without scale
10	4B-0060	2	Plano convex lens f=60 mm, C25 mount	57	MC-0112	1	Screen 80 x 40 mm, horizontal and vertical scale
11	4B-0070	1	Plano convex lens f=20 mm, C25, attached light tube	58	MC-0160	1	Click mount 25 mm, 0.1 mm aperture
12	4B-0080	2	Biconcave lens f=-5 mm, Ø 7 mm, C25 mount	59	MC-0180	1	Click mount 25 mm, 0.5 mm aperture
13	4B-0090	2	Biconcave lens f=-10 mm, Ø10 mm, C25 mount	60	MC-0250	2	Profile Rail MG-65, 300 mm
14	4B-0100	1	Biconcave lens f=-20 mm, Ø 10 mm, C25 mount	61	MC-0260	2	Optical rail MG 65, 500 mm
15	4B-0110	1	Cylindrical lens f=25 mm, C25 mount	62	PM-0100	1	Prism assembly
16	4B-0120	1	Cylindrical lens f=80 mm, C25 mount	63	PM-0340	1	Pockels's cell assembly with power supply
17	4B-0130	1	Phosphorescing sample, click 25	64	TP-0030	1	Digital multimeter 3 1/2 digits
18	4B-0140	1	Polariser, click 30	65	TP-0130		Flat panel TV 20 inch
19	4B-0250	1	Iris aperture, 14 mm, click 25 mm	66	XM-0120	1	Rotary polarisation analyser on carrier 20 mm
20	4B-0260	1	Iris aperture, 36 mm, C50 mount	67	XM-0190	3	Plate holder on carrier 20
21	4B-0470	1	Half wedge plate, C25 mount	68	XM-0280	1	Dimo diode laser module, 532 nm (green), HC
22	4B-0480	1	Half lens f=100 mm, C25 mount	69	XM-0310	1	Beam track display, 50 mm
23	4B-0490	1	Fresnel zone plate, C25 mount	70	XM-0320	1	Beam track display, 100 mm
24	4B-0510	1	Fabry Perot insert, C25 mount	71	XM-0330	1	Optical fibre model
25	4B-0560	1	Set of four slides	72	XM-0530	1	CCD Array with monitor
26	4B-0570	1	Mask # 3	73	XM-0610	1	Absorption unit
27	4B-0610	1	Achromat f=40 mm, C25 mount	74	XM-0620	1	Carrier cross-piece with dichroic plates
28	4B-0630	1	Front surface mirror in click 25 mm	75	XM-0640	1	Set of development equipment
29	4B-0640	1	Biconvex lens f=150 mm, C25 mount	76	XM-0650	1	Set of developer chemicals
30	4B-0650	2	Biconvex lens f=100 mm, Ø 22.4 mm, C25 mount	77	XM-0660	1	Set of 60 holographic photo plate
31	4B-0660	1	Optical quartz plate, click 25	78	XM-0690	1	Gas cuvette assembly
32	4B-0670	1	Set of 3 fluorescent filters	79	XM-0700	1	Mach-Zehnder, beam combining assembly
33	4B-0710	1	Set of 10 optical filters	80	XM-0730	1	Mach-Zehnder beam splitting assembly
34	4B-0720	1	Beam expander magnification 6x	81	XM-0750	1	Newton's rings assembly
35	4B-0724	1	Beam expander magnification 2.7x	82	XM-0760	1	Fresnel mirror assembly
36	4B-0860	1	Achromat f=150 mm, C25 mount	83	XM-0780	1	Spectrometer grating assembly with two gratings
37	4B-0870	2	Quarter wave plate, click 25	84	XM-0960	1	Magnetic carrier, set of prisms, beam block on post
38	4B-0880	1	Half wave plate, click 25	85	XM-0990	1	Set of mounts on arm for reflection
39	4B-0890	1	Calcite crystal	86	XM-1000	1	Reflection assembly
40	4K-T600	1	T - grating 600 l/mm	87	XM-1030	1	Refraction and diffraction assembly, complete
41	ED-0010	3	Adaptive power supply APS-05	88	XM-1090	2	Mounting plate C25 with carrier 20 mm
42	ED-0200	1	Photodetector Si PIN	89	XM-1100	3	Mounting plate, including carrier 20 mm , C30
43	LS-0010	1	LED white in C25 housing	90	XM-1108	1	Mounting plate C50 with carrier 20 mm
44	LS-0020	1	LED red in C25 housing	91	XM-1110	3	Adjustment holder, 4 axes, carrier 20 mm
45	LS-0030	1	LED amber in C25 housing	92	XM-1120	1	Lens demonstrator assembly
46	LS-0040	1	LED green in C25 housing	93	XM-1810	1	CCD day and night camera module
47	LS-0050	1	LED blue in C25 housing	94	XM-2202	1	Filter plate holder for 3 filters, carrier 30