



9-101 LUXO LED-LUPENLEUCHTE

The high level of flexibility between the lamp head and the arm enables an easy and precise positioning of the lens.
Light Magnifying Lamp with a circular LED module and total energy consumption of 9.5 W.

Housing	
colour	weiß
Optics	
Primary lens	3 Dioptrien
extensible with top lens	um 4, 6 bzw. 10 Dioptrien
Total magnification	175
Focal length	330
Light source	
Light source	LED
Number of lamps	1
Lamp power (W)	10
with dimming	
Technical data	
IP-classification	20
Tension (V)	230
Arm length in cm	100



9-121 LUXO LED-LUPENLEUCHTE WAVE

with flexible, self-balancing luminaire. Shadow-free illumination with light from both sides, or the three-dimensional with light coming from the right or left side.

Housing	
colour	weiß
Optics	
Primary lens	3,5 Dioptrien
extensible with top lens	um 4, 6 bzw. 10 Dioptrien
Total magnification	188
Focal length	287,5
Light source	
Light source	LED
Number of lamps	2
Lamp power (W)	12
with dimming	
Technical data	
IP-classification	20
Tension (V)	230
Arm length in cm	105



9-125 LUXO ESD-safe LED Magnifier

Flexible self-balancing arm and shade neck for easy positioning.
Equipped with two semi-circular LED modules with a total energy consumption of 11W.

Housing	
colour	black / dissipative
Optics	
Primary lens	3 diopter
extensible with top lens	with 4, 6 resp. 10 diopter
Total magnification	175
Focal length	330
Light source	
Light source	LED
Number of lamps	1
Lamp power (W)	11
with dimming	
Technical data	
IP-classification	20
Tension (V)	230
Arm length in cm	105



9-161 LUXO ESD-SAFE LED MAGNIFIER WAVE

with flexible self-balancing arm. Shadow-free magnification with light coming from both sides, as well three-dimensional magnification with light coming for the left or right.

Housing	
Colour	black / dissipative
Optics	
Primary lens	5 diopter
extensible with top lens	with 4, 6 resp. 10 diopter
Total magnification	225
Focal length	200
Light source	
Light source	LED
Number of lamps	2
Lamp power (W)	12
with three-step dimming	
Technical data	
IP-classification	20
Tension (V)	230
Armlength in cm	105



9-166 DETENTION LENS, 4 DIOPTRES

for use with following Magnifying Lamps 9-101, 9-121, 9-125, 9-161

9-167 DETENTION LENS, 6 DIOPTRES

for use with following Magnifying Lamps 9-101, 9-121, 9-125, 9-161

9-168 DETENTION LENS, 10 DIOPTRES

for use with following Magnifying Lamps 9-101, 9-121, 9-125, 9-161

Articlenumber	primary lens diopter	secondary lens diopter	total magnification	magnification in %	focal length
9-101	3.0		1.8X	175%	330 mm
	3.0	4.0	2.8X	275%	140 mm
	3.0	6.0	3.3X	325%	110 mm
	3.0	10.0	4.3X	425%	70 mm
9-121	3.5		1.9X	188%	285 mm
	3.5	4.0	2.9X	288%	130 mm
	3.5	6.0	3.4X	338%	105 mm
	3.5	10.0	4.4X	438%	75 mm
9-125	3.0		1.8X	175%	330 mm
	3.0	4.0	2.8X	275%	140 mm
	3.0	6.0	3.3X	325%	110 mm
	3.0	10.0	4.3X	425%	70 mm
9-161	5.0		2.3X	225%	200 mm
	5.0	4.0	3.3X	325%	110 mm
	5.0	6.0	3.8X	375%	90 mm
	5.0	10.0	4.8X	475%	50 mm

MAGNIFYING LAMPS SLIM LINE

High quality magnifying lamps, perfect for precise inspection work

9-711 DAYLIGHT MAGNIFYING LAMPS ULTRA SLIM LED

Glas lens Ø 17.5 cm, magnification 1.75 x, 3 diopter
60 ultra light LEDs (3.300 Lux on 26 cm) flicker-free light
total arm length 130 cm including table bracket
„Quick Lens Swap System“ for quick lens change
resistant against scratches by special coating
„Nanotechnology Hard Coating“



Accessories:

9-717 Glas lens for 9-711, magnification 2.25 x, 5 diopter



9-721 DAYLIGHT MAGNIFYING LAMPS SLIMLINE LED

2 Glas lenses each Ø 13 cm
magnification 1.75 x, 2.25 x
ultra light LEDs (6000 Lux on 15 cm)
flicker-free light
total arm length 95 cm including table bracket
„Quick Lens Swap System“ for quick lens change

STEREO MICROSCOPE

with light shadow-free illumination

The microscope is especially well suited for reliable monitoring details of materials and assemblies as well as precision work in SMD technology.

Technical data:

Stereo-Head:	45° oblique view, 360° rotating pupillary distance adjustable from 54 - 74 mm
Size of base:	200 x 150 mm
Magnification:	10 x / 20 x with attachment lens extensionable up to 40 x
Ocular:	wide field 10 x eyepiece with diopter adjustment +- 5 dpt, eyepiece cup
Support:	stable metal support, length 245 mm, black-white plastic plate for illumination
Illumination:	ED ring light source with light shadow-free illumination, fitted at turret head, life time 20.000 h, with flicker-free LED light (light colour 5800 K), luminosity 0 - 15.000 lux continuously adjustable (with 80 mm work distance), voltage variable from 100 V - 240 V / 60 / 50 Hz, output voltage 18 V / 3.6 W
Work Distance:	83 mm at magnification 10 x / 20 x
Visionfield:	Ø 19 mm 10 x, Ø 9,5 mm 20 x

9-155 STEREO-MICROSCOPE WITH TABLE STAND

9-158 STEREO-MICROSCOPE

as 9-155, however with stable hinge arm, 850 mm length with 3 setscrews in the spring arms, optional adjustable, with table clamp as well as screw down table foot

