

MAGNIFYING LAMPS

LUXO Magnifying lamp with lens-cover and glare-protection

for 22 W fluorescent light source
with ideal viewing conditions
without excessive heat

Robust arm construction. Two spring-balanced arms with parallel movement. Springs and all moving mechanical parts built into the tubes and covered. The springs are of high-grade tempered steel calibrated to ensure perfect arm balance; with insulated parts in the joints for safety reasons. Qualified for vibrant working-places.

Technical data: Arm length: from bracket to center of lens 120 cm fully extended, reflector-Ø: 23 cm, lens-Ø: 125 mm, lens: fixed 3 diopter bi-convex, magnification: 1 : 1 3/4 or 175 % at a working-distance of 25 cm, Schuko-contact-cable 1.5 m, protection class I. Through additional lens approx. magnification of 1 : 3 3/4 or 375 % possible. Colour: pearl grey

9-101 LUXO Magnifying lamp with bracket (table) standard

All lamps will be delivered without circular fluorescent tube.

Accessories:

9-106 **5-foot-stand with trolley and sliding bracket**

9-107 **Additional lens 4 diopter, magnification 1 : 2 3/4**

9-108 **Additional lens 8 diopter, magnification 1 : 3 3/4**

9-109 **Fluorescent ring lamp 22 W, white**

Magnifying lamp with plastic reflector

for 22 W fluorescent ring light

Good equilibrated arm construction enables maximal setting. It's easy to bring this lamp in the wanted position by the open spring-balanced arms.

Technical data: Total arm length: 105 cm, reflector-Ø 22 cm, lens-Ø 125 mm, lens: fixed 3.0 diopter bi-convex, magnification: 1 : 1 3/4 or 175 %, at a working-distance of 25 cm, Schuko-contact-cable 2.5 m, protection class I, fluorescent tube protected by prism cover. Colour: light grey

9-191 Magnifying lamp with bracket (table) standard

The lamp will be delivered without circular fluorescent tube.

Accessories:

9-109 **Fluorescent ring lamp 22 W, white**

Television service mirror

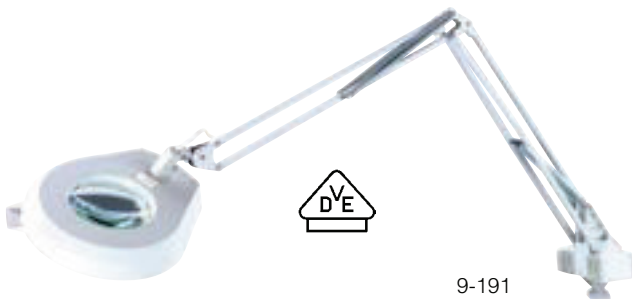
Finish: chrome-plated guide bar, arm and joints grey lacquered. The distortion-free mirror has a plastic back and is held in a rubber profiled frame. A broken mirror can be replaced in just a few minutes.

9-401 **Control mirror with table bracket**, weight 3.0 kg

9-402 **Control mirror with flange**, weight 2.9 kg

9-404 **Control mirror with 5-foot-stand**, weight 10.3 kg

Technical data: maximum height of guide bar 500 mm, maximum extension of arm 450 mm, mirror 395 x 290 mm



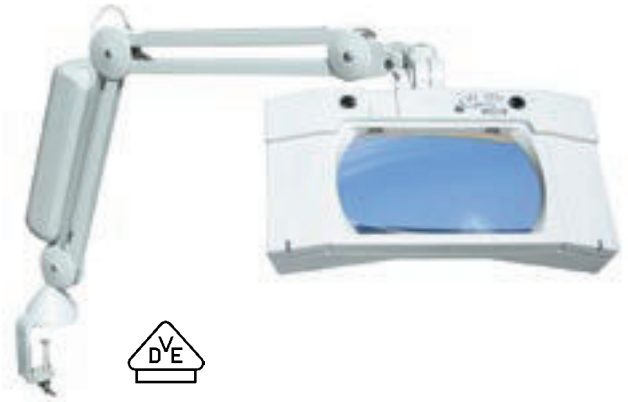
MAGNIFYING LAMPS

LUXO Professional illuminated magnifier with compact fluorescent tubes 7 W (2 pieces)

This magnifier with rectangular lens permits viewing with both eyes. It is the ideal combination of light and magnifier because of two individual light sources and separate switches for individual operation. With single tube operation, three-dimensional viewing is possible. Shadow-free illumination is provided when both fluorescent tubes are operating.

A spring-balanced arm with parallel motion permits exact positioning of the magnifier making it flexible for every working situation.

Technical data: Arm length from bracket to center of lens 60 cm, reflector 15 x 29 cm, asymmetrical light distribution, lens 17 x 11 cm, 3 diopter, magnification 1 : 1 ³/₄ or 175 % at a working distance of 25 cm, Schuko-contact-cable 1.5 m, protection class I.
Colour: light grey



9-121

9-121 LUXO Professional illuminated magnifier with table bracket, inclusive 2 tubes 7 W

Accessories:

9-127 **Additional lens 4 diopter, magnification 1 : 2 ³/₄**

9-128 **Additional lens 8 diopter, magnification 1 : 3 ³/₄**

9-129 **Fluorescent tubes 7 W (2 pieces)**

LUXO ESD illuminated magnifier with compact fluorescent tubes 7 W (2 pieces)



The ESD illuminated magnifier is especially manufactured as an optical assistance in ESD protected areas for working at electrostatically endangered components.

The magnifier head is treated with a special anti-static Polyurethan and the spring balanced arm is epoxyd-coated with a special conductive colour.

In order to avoid reflections and to grant an excellent eyesight, the lense is covered with a very special conductive layer.

The ESD magnifier has been tested with good results adequate to EN 100 015-1.

Construction: as 9-121

Technical data: Arm length from bracket to center of lens 94 cm, reflector 15 x 29 cm, asymmetrical light distribution, lens 17 x 11 cm, 3.5 diopter, magnification 185 % at a working distance of 25 cm, Schuko-contact-cable 1.75 m, protection class I.
Colour: black



9-161

9-161 LUXO ESD illuminated magnifier with table bracket, inclusive 2 tubes 7 W

Accessories:

9-129 **Fluorescent tubes 7 W (2 pieces)**

MAGNIFYING LAMPS OFFICE LAMPS



Magnifying lamp with plastic reflector for compact fluorescent tube 9 W

Four-tube spring balanced arm from lacquered steel pipe, open chrome-plated springs, twist protection, 1.5 m cable, protection class II.

Technical data: Total arm length 96 cm, table version 60 cm, lens 150 x 60 mm, 3 diopter, magnification 1 : 1 ³/₄ at a working-distance of 20 cm, reflector 220 x 160 mm.
Colour: white

9-171 Magnifying lamp with table stand

9-172 Magnifying lamp with bracket

All lamps will be delivered without tubes.

Accessories:

9-179 **Fluorescent tube 9 W**



Magnifying lamp with plastic reflector for 40 W incandescent bulb

Four-tube spring balanced arm from lacquered steel pipe, open chrome-plated springs, twist protection, 1.5 m cable, protection class II.

Technical data: Total arm length 95 cm, lens-Ø 100 mm, 3 diopter, magnification 1 : 1 ³/₄ at a working-distance of 20 cm.
Colour: white

9-181 Magnifying lamp with bracket (table) standard

The lamp will be delivered without incandescent bulb.



LUXO Office and industry lamp

for 15 W fluorescent tubes (2 pieces)

The reflector is designed to distribute a shadow-free light over a large area with a minimum of heat and glare. The two 15 W fluorescent tubes give a light output equivalent to that of a 150 W incandescent bulb. The lamp head is mounted on a heavy-duty arm with built-in springs and parts, with insulated parts in the joints, turnable into any position. Qualified for vibrant working-places, Schuko-contact-cable 1.5 m, protection class I.

Technical data: Total arm length 120 cm, reflector 48 x 10 cm.
Colour: white

9-131 LUXO Fluorescent lamp with bracket (table) standard

The lamp will be delivered without fluorescent tubes.

Accessories:

9-139 **Fluorescent tubes 15 W (2 pieces), white**

MAGNIFYING LAMPS SLIM LINE

**High quality magnifying lamps,
perfect for precise inspection work**

9-701 Magnifying Lamp Deluxe

Glass lens 19 x 17,5 cm (magnification 1,75 X, 3 Diopter)
2 x 13 w energy saving tubes (140 w equiv.),
to serve by 2 independent switches, flicker-free electronic ballast,
total arm length 115 cm, incl. table bracket up to 65 mm,
„Clip-on Lens System“ for quick change of additional lens

Accessories:

9-707 **Additional Lens** for 9-701, magnification 2,75 X,
7 Diopter, when combined with Magnifying Lamp Deluxe

9-711 Magnifying Lamp Ultra-Slim

Glass lens Ø 17,5 cm (magnification 1,75 X, 3 Diopter)
28 w energy saving circular tube (150 w equiv.),
flicker-free electronic ballast,
total arm length 115 cm, incl. table bracket up to 65 mm,
„Quick Lens Swap System“ for quick lens change

Accessories:

9-717 **Lens** for 9-711, magnification 2,25 X, 5 Diopter

9-721 Magnifying Lamp SLIM LINE

2 lenses each Ø 13 cm (magnification 1,75 X and 2,25 X,
3 / 5 diopt.), 22 w energy saving circular tube (100 w equiv.),
flicker-free electronic ballast,
total arm length 95 cm, incl. table bracket up to 65 mm,
„Quick Lens Swap System“ for quick lens change



9-701



9-711



9-721

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 details:

- 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: LED 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



9-158



9-155

SOLDERING IRONS AND ACCESSORIES

ERSA fine soldering iron Tip 260 / 16 W

Light and handy soldering iron (16 W) with PTC-heating element and internally heated ERSADUR long-life soldering tip. Short heating time (60 s). Tip temperature: 350° C; voltage: 230 V.



8-110

8-110 Tip 260 with ERSADUR long-life soldering tip 0162 BD and holder OA18

Accessories:

8-140	ERSADUR long-life soldering tip, angled face	0162 LD
8-142	ERSADUR long-life soldering tip, chisel-shaped	0162 KD
8-144	ERSADUR long-life soldering tip, pencil point	0162 BD

ERSA fine soldering iron Multitip C 15 / 15 W

Optimal soldering tool for printed circuit boards, small relay connections, wire connection works. Short heating time (60 s), PTC-heating element 154, internally heated ERSADUR long-life soldering tip. Soldering tip temperature: 350° C; voltage: 230 V.



8-135

8-135 Multitip 0910 BD with ERSADUR long-life soldering tip 0162BD and holder OA18

Accessories:

8-140	ERSADUR long-life soldering tip, angled face	0162 LD
8-142	ERSADUR long-life soldering tip, chisel-shaped	0162 KD
8-144	ERSADUR long-life soldering tip, pencil point	0162 BD

ERSA fine soldering iron Multitip C 25 / 25 W

Powerful soldering tool for medium-sized soldering work on plugs, multiterminal strips and printed circuit boards. Short heating time (60 s), PTC-heating element, internally heated ERSADUR long-life soldering tip. Tip temperature: 450° C; voltage: 230 V.



8-155

8-155 Multitip 0920 BD with ERSADUR long-life soldering tip 0032KD and holder OA18

Accessories:

8-160	ERSADUR long-life soldering tip, angled face	0172 LD
8-162	ERSADUR long-life soldering tip, chisel-shaped	0172 KD
8-164	ERSADUR long-life soldering tip, pencil point	0172 BD

ERSA universal soldering iron 30 S / 30 (40) W

Universal soldering iron with practical supportable ring and ERSADUR long-life soldering tip tested a million times over. Rating: 30 (40) W; heating time: approx. 2 min; tip temperature: 380 (420)° C; voltage: 230 V.



8-145

8-145 ERSADUR 0330 KD with ERSADUR long-life soldering tip 0032KD and holder 3N194

8-147 ERSADUR 0340 KD with ERSADUR long-life soldering tip, 40 W

Accessories:

8-150	ERSADUR long-life soldering tip, chisel-shaped	0032 KD
8-152	ERSADUR long-life soldering tip, angled face	0032 JD

ERSA electronic temperature-controlled soldering iron Multi-TC, 0760CD

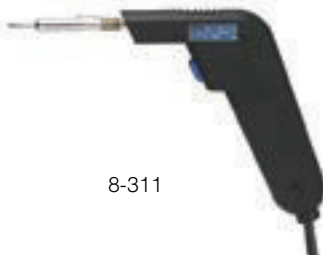
8-170 Electronic temp.-controlled soldering iron, 75 W / 230 V, with ERSADUR long-life soldering tip 0842 CD and holder OA18



8-170

ERSA high-speed soldering gun Multi-Sprint, 0960 ED

Unusually light and transformer-independent soldering gun with internally heated ERSADUR long-life soldering tip. Extremely short warm-up and cooling-off time. Optimal soldering equipment for service and maintenance purpose. Cold rating: approx. 150 W - heated rating: approx. 75 W, heating time: approx. 20 s, voltage: 230 V



8-311

8-311 High-speed soldering gun Multi-Sprint with ERSADUR long-life soldering tip 0832 ED LF

SMD-VACUUMPIPETTE

ERSA SMD-Vacuumpipette SMD-Vampir SVP 100

Vacuumpipette for easy, safety and precise handling of SMD components. Various antistatic vacuum cups (4, 6 and 9 mm) and the bent vacuum nozzle made from high-grade steel enable a large field of application.



8-238

8-238 ERSADUR SMD-Vampir OSVP 100

