

Illuminated magnifier MarVision 130 LR

Application:

Viewing aids for visual checks, adjustments, miniature assembly work, precision work of all types

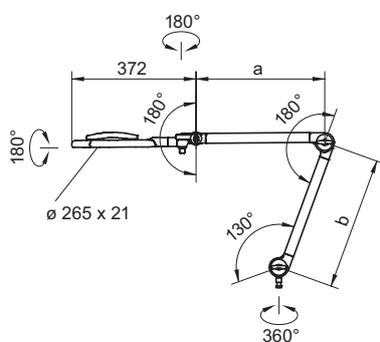


- 3D joint enables the lamp head to be positioned in all planes
- Wide operating range because of movable head joints
- Fully scratch resistant glass magnifier
- Sturdy aluminum and high performance plastic
- Light can be dimmed
- Large field of vision for distortion free viewing
- Maintenance free, LED life up to 50,000 h
- Excellent color reproduction
- Intensity 6000 lx with just 14 W
- 40% energy savings as comparison to conventional magnifier lamps
- **Scope of delivery:** Table mount, Magnifier cover, Instruction manual

Technical Data

Order no.	4299350	4299351
Product type	130 LR	130 LR
Dioptric power	3.5; with 11.5 additional lens	3.5; with 11.5 additional lens
Type of lamp	84x LED, 4 segments, 3 of them individually switchable	84x LED, 4 segments, 3 of them individually switchable
Field of vision - diameter	mm 153 mm	mm 153 mm
Energy supply:	230 V/115 V; 50/60 Hz	110 V-240 V; 50/60 Hz

Order no.	a	b
	mm	mm
4299350	384	400



Accessories

Order no.	Product description	Product type
4299355	Table clamp for 130 LR	130 Tk
4299357	Additional magnifier, 3.5 diopter	130 Zl

Illuminated Magnifier MarVision 130 WR

- Aid for visual spot checks, adjustments, assembly of small parts and all types of precision work
- Illumination head with swiveling arm must be used either with Table base 130 t or Table clamp 130 kl
- 3D joint illumination head can be positioned at any level
- Spring relieved joints for easy positioning over a large scale action range without any readjustments
- Large diameter, cut glass lens with sharpness to the edge provides distortion free magnification
- Lens diameter 120 mm with double magnification; Fluorescent tubes provide a bright, almost shadow free illumination of objects and working area
- Low energy consumption due to energy saving lamp
- Not for sale in North America (230 Volts only)
- **Scope of delivery:** Instruction manual, without table clamp and fastenings

Application:

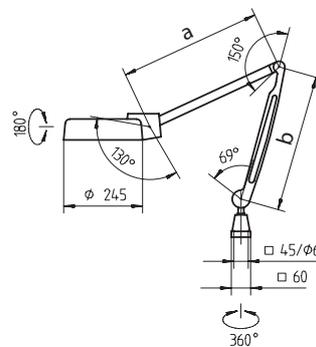
For checking sunken surfaces, e.g. bores, internal threads, etc.



Technical Data

Order no.	4299300	
Product type	130 WR	
Dioptic power	4	
Type of lamp	Circular fluorescent tube	
Magnification	2	
Energy supply	230 V / 50 Hz	

Order no.	a	b
	mm	mm
4299300	443	430



Accessories

Order no.	Product description	Product type
4299005	Ring form fluorescent tube	
4298320	Table clamp for 130 W/WR	130 kl
4298310	Pedestal for 130 W/WR	130 t

Stereo zoom microscope MarVision SM 150 / SM 150-100 / SM 151



Application:

- For the inspection of workpieces on the production line and in quality assurance

- High quality optics for light intensive and sharp 3D images
- Variable magnification due to adjustable zoom lens
- Focusing with an ergonomic hand wheel, mounted either side, ideal for either a left or right handed operator
- Prism head tilted to 45° and rotatable through 360°; with dioptric adjustment
- Integrated incident and transmitted illumination, continuously variable
- Optional digital camera mounting is possible (SM 151)
- **Scope of delivery:** ocular 10x, dust cover, glass plate and white / black plate, Instruction manual

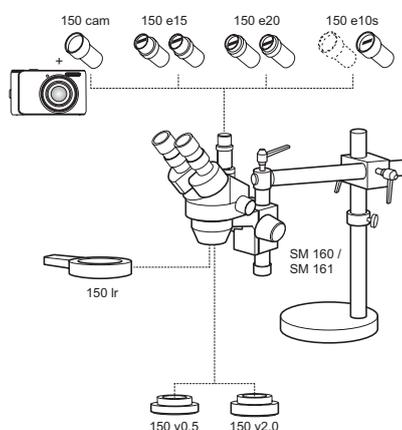
Technical Data

Order no.	4245001	4245027	4245002	4245061	4245062
Product type	SM 150	SM 150-100	SM 151	SM 150	SM 151
Observation tube angle	45°				
Camera connector	no		yes	no	yes
optical tube	Binocular		Trinocular	Binocular	Trinocular
Field of vision - diameter	mm 28 - 5				
Magnification	variable 7x-45x				
Working distance	mm 105	205	105		
Max. object height	mm 75	175	75		
Illumination	12 V / 15 W, Incident and transmitted light, variable				
Energy supply	230 V / 50 Hz			110 V / 60 Hz	

Order no.	Contact surface
4245001	260 x 200 mm
4245027	260 x 200 mm
4245002	260 x 200 mm
4245061	260 x 200 mm
4245062	260 x 200 mm

Accessories

Order no.	Product name	Product type
4245030	LED ring light	150 lr
4245043	Cold light source 240V	200 fs
4245042	Fiber optic gooseneck, 2-Arm, L=500mm D= 40mm	200 fl
4245010	Eyepiece lens 15x	150 e15
4245011	Eyepiece lens 20x	150 e20
4245012	Eyepiece lens 10x with glass reticle (1x)	150 e10s
4245021	Ancillary lens 2x	150 v2,0
4245020	Ancillary lens 0.5x	150 v0,5
4245026	Digital camera with adapter	150 cam
4245053	Cold light source 100 - 120V	200 fs



Stereo zoom microscope MarVision SM 160 / SM 161

- High quality optics for light intensive and sharp 3D images
- Variable magnification due to adjustable zoom lens
- Focusing with an ergonomic hand wheel, mounted either side, ideal for either a left or right handed operator
- Prism head tilted to 45° and rotatable through 360°; with the dioptic adjustment
- Optional digital camera mounting is possible (SM 161)
- **Scope of delivery:** ocular 10x, dust cover, Instruction manual

Application:

- For the inspection of workpieces on the production line and in quality assurance



Technical Data

Order no.	4245003	4245004	4245063	4245064
Product type	SM 160	SM 161	SM 160	SM 161
Observation tube angle	45°			
Camera connector	no	yes	no	yes
optical tube	Binocular	Trinocular	Binocular	Trinocular
Field of vision - diameter	mm	28 – 5		
Magnification	variable 7x–45x			
Working distance	mm	105		
Energy supply	230 V / 50 Hz		110 V / 60 Hz	

Order no.	Contact surface
4245003	230 x 230 mm
4245004	230 x 230 mm
4245063	230 x 230 mm
4245064	230 x 230 mm

Accessories

Order no.	Product name	Product type
4245030	LED ring light	150 lr
4245043	Cold light source 240V	200 fs
4245042	Fiber optic gooseneck, 2-Arm, L=500mm D= 40mm	200 fl
4245010	Eyepiece lens 15x	150 e15
4245011	Eyepiece lens 20x	150 e20
4245012	Eyepiece lens 10x with glass reticle (1x)	150 e10s
4245021	Ancillary lens 2x	150 v2,0
4245020	Ancillary lens 0.5x	150 v0,5
4245026	Digital camera with adapter	150 cam
4245053	Cold light source 100 – 120V	200 fs

