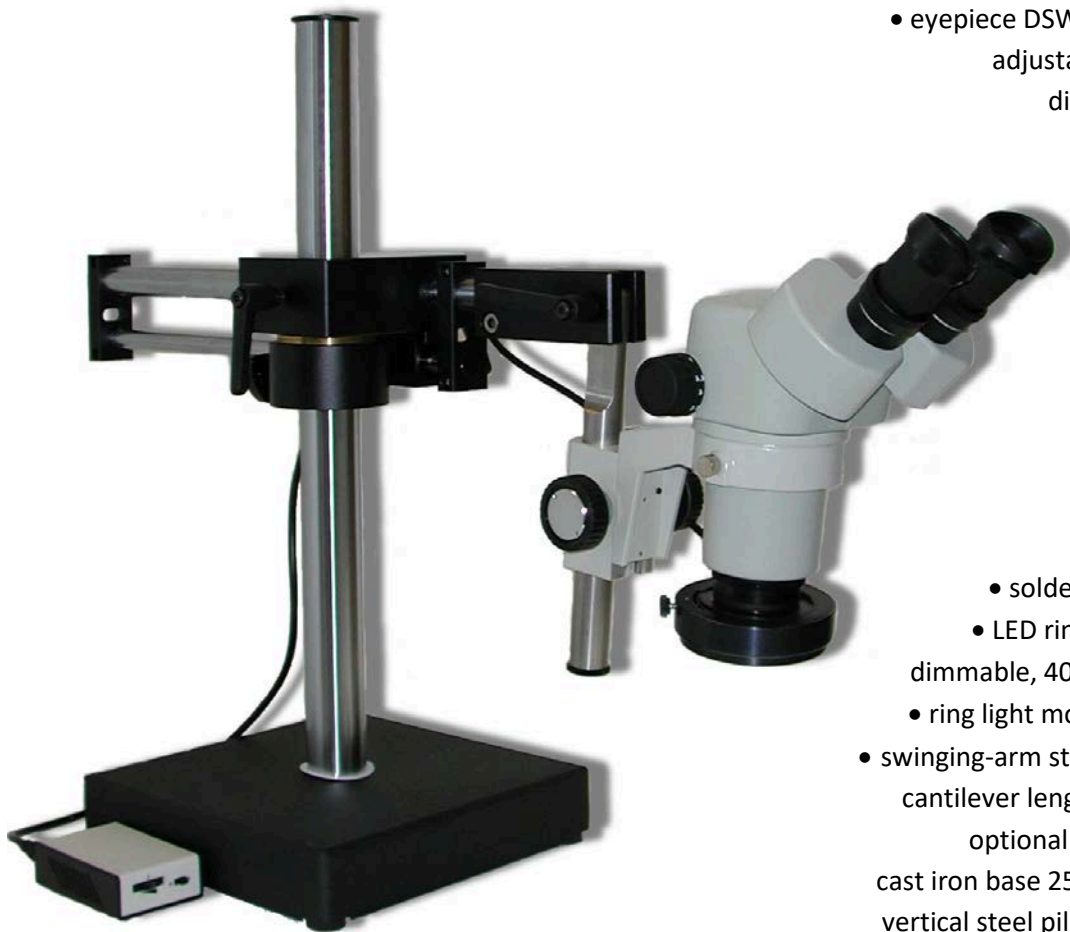


Inspection device

# micro-500

**4** JENA  
ENGINEERING

## Stereomicroscope workplace with swinging-arm stand



### Components (standard)

- stereomicroscope head DSZ-44, Greenough-optical system
- eyepiece DSW 10x/23 (paired), adjustable eye distance, dioptr adjustment
- rubber eyecups

- front lens 0.5x
- solder protection glass
- LED ring light DR 66-40, dimmable, 40 white-light LEDs
- ring light mounting  $\varnothing$  66 mm
- swinging-arm stand with 500 mm cantilever length, linear guided, optional double guidance, cast iron base 250 x 250 x 50 mm, vertical steel pillar  $\varnothing$  40/350 mm, articulated arm for inclined positions of the microscope head
- locking ring  $\varnothing$  40 mm

**The flexible inspection and manufacturing workplace allows precise works with tools under the microscope, even at high magnifications. The working surface is also not limited. The object field can be easily and quickly adapted to several workpiece sizes.**



## Swinging-arm stand - modular system

- flexible and task-specific adaption of the inspection device possible



Swinging-arm stand



DSZ-44 with camera tube

- documentation by a USB-camera system (optional)
- tripod with single linear or double linear guided cantilever (torsion-proof)

## Applications

- inspection and repair work station for electronic production, metal working industry, plastics processing industry, tool and mould making
- work station with large transmitted light area (masks, layers)
- assembly work and adjustment procedures under the microscope
- optical inspection (optional documentation) of quality levels for incoming and outgoing goods

Technical data:	
Magnification range	5x to 22x or 10x to 44x
Field of view	Ø 46,0 mm to Ø 10,4 mm / Ø 22,8 mm to Ø 5,1 mm
Working distance	approx. 150 mm
Focussing range	approx. 40 mm
Height adjustment range	approx. 250 mm
Object stage area	work table
Distance optical axis/cast base	max. 500 mm
Viewing angle	45°, adjustable by articulated arm

For more information, please contact the optical inspection branch of our company or visit our website.