



6 MSZ5000 Series

A sturdy zoom stereo microscope for the professional examination of electronic, precision mechanical, plastic and medical products. It is an excellent quality control instrument for inspection, assembly, analysis, during soldering and polishing and for fine machining. The large zoom range, long working distance and broad depth of field facilitates allow very comfortable work in many areas. It offers continuously variable magnification with 7– 45x total zoom. The rugged metal housing makes it easier to work with reliability, even in harsh environments. Accessories available: various eyepieces and auxiliary lenses to modify the magnification and working distances.



Basic functions:

- Increased working distance
- Incident and transmitted light (depending on configuration)
- Available with LED illumination
- Zoom feature for continuous magnification settings from 7 to 45x
- Optional auxiliary lenses available for maximum magnification adjustment
- Connection possibility for microscope , photo or video camera
- Wide range of accessories

Stereo microscope for advanced examinations

6.1 Technical basic data MSZ 500 series

MICROSCOPE	OPTICAL EQUIPMENT	EQUIPMENTAL
MSZ5000	<ul style="list-style-type: none"> ▪ 10x wide field eyepieces ▪ 0.7-4.5x zoom objective ▪ 7-45x total magnification 	
MSZ5000-T	<ul style="list-style-type: none"> ▪ 10x wide field eyepieces ▪ 0.7-4.5x zoom objective ▪ 7-45x total magnification 	<ul style="list-style-type: none"> ▪ Photo tube for the connection of photo and video cameras
MSZ5000-RL	<ul style="list-style-type: none"> ▪ 10x wide field eyepieces ▪ 0.7-4.5x zoom objective ▪ 7-45x total magnification 	<ul style="list-style-type: none"> ▪ Incident light (LED ring lamp)
MSZ5000-T-RL	<ul style="list-style-type: none"> ▪ 10x wide field eyepieces ▪ 0.7–4.5x zoom objective ▪ 7–45x total magnification 	<ul style="list-style-type: none"> ▪ Incident light (LED ring lamp)) ▪ Photo tube for the connection of photo and video cameras
MSZ5000-S	<ul style="list-style-type: none"> ▪ 10x wide field eyepieces ▪ 0.7–4.5x zoom objective ▪ 7–45x total magnification 	<ul style="list-style-type: none"> ▪ Large swiveling stand



6.2 Technical basic data MSZ 500 series

MICROSCOPE	OPTICAL EQUIPMENT	EQUIPMENTAL
MSZ5000-T-S	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> Photo tube for the connection of photo and video cameras Large swiveling stand
MSZ5000-S-RL	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> Incident light (LED ring lamp) Large swiveling stand
MSZ5000-T-S-RL	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> Incident light Photo tube for the connection of photo and video cameras Large swiveling stand
MSZ5000-IL-TL	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> 12 V 15 W Incident and transmitted light (halogen) infinitely variable
MSZ5000-IL-TL-LED	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> A Incident and transmitted light (LED) infinitely variable
MSZ5000-T-IL-TL	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> 12 V 15 W incident and transmitted light (halogen) infinitely variable Photo tube for the connection of photo and video cameras
MSZ5000-T-IL-TL-LED	<ul style="list-style-type: none"> 10x wide field eyepieces 0.7-4.5x zoom objective 7-45x total magnification 	<ul style="list-style-type: none"> Incident and transmitted light (LED) infinitely variable Photo tube for the connection of photo and video cameras

6.3 Accessories for microscopes MSZ 5000 series

Order number	Item
MSZ5419	<ul style="list-style-type: none"> Darkfield
MSZ5405-N	<ul style="list-style-type: none"> Auxiliary lens 0.5x
MSZ5418-N	<ul style="list-style-type: none"> Auxiliary lens 2x
MSZ5019-N	<ul style="list-style-type: none"> Halogen lamp for incident light, 12V 10W
MSZ5010-N	<ul style="list-style-type: none"> Eyepiece 10x
MSZ5008-N	<ul style="list-style-type: none"> Halogen lamp for transmitted light, 12 V 10 W
MSZ5415	<ul style="list-style-type: none"> Object micrometer
MSZ5416-N	<ul style="list-style-type: none"> Micrometer eyepiece 10x
MSZ5417-N	<ul style="list-style-type: none"> Micrometer eyepiece 20x
MSZ5420-N	<ul style="list-style-type: none"> Pair of eyepieces 20x
MSZ5020-N	<ul style="list-style-type: none"> Incident light illumination
MSZ5050	<ul style="list-style-type: none"> Large swiveling stand
LDR72	<ul style="list-style-type: none"> LED daylight ring lamp