

micron
OPTIK

**RESEARCH
MICROSCOPE**



Cresta

Cresta - Series

With a very modern look Featuring vide versatility, the newly introduced "Micron Optik" Cresta series of research microscopes are ergonomically designed for exceptional performance and simple operation which extends top quality optics and uncompromising performance for educational and Routine research



ZS-50



ZS-50 Plus



ZS-50i

Key Features

Model	ZS-50	ZS-50 Plus	ZS-50i
Optical System	Finite	Finite	Infinite
Viewing Head	Sliding	Siedentopf	Siedentopf
Nosepiece	Outward	Inward	Inward

Sophisticated observation with Trinocular tube

To allow microscope users to not only observe and study real time images through the traditional eyepieces, an optional available trinocular observation tube arrangement allows user to observe directly on LCD screens through digital USB cameras or tablets.

Compact & Solid Innovative Frame



- Highly rigid single mould body frame
- Built in window in arm for easy carriage
- Conveniently positioned focus drive for stress free operation

Reverse Angle Nosepiece

- The revolving nosepiece facing towards the arm offers more space on the stage, delivering a perfect sight onto the specimen for much easier handling
- The included ring with groves ensures a good grip for moving the desired objective into the light path



Ergonomic Arc type Observation Tube



- Arc type tube helps position the eyepieces in two different heights
- Interpupillary distance adjustment and the dioptre adjustment ensures that the microscope easily fits to every user

Advanced Illumination system



Cresta series adopts High performance LED illumination system with the characteristics of energy efficiency, environmental protection and long lifetime.

Anti Fungus Treatment

- Operating the Cresta in hot and humid climate does not cause any problems
- Special anti fungal treatment of all optical parts to make images sharp and clear.



SPECIFICATIONS

		ZS-50	ZS-50 Plus	ZS-50 i
OPTICAL SYSTEM		Finite Corrected Optical System		Infinite Corrected Optical System
VIEWING HEAD		45 Degree inclined SLIDING TYPE	30 Degree inclined SIENDENTOPF ARC TYPE	
OBSERVATION TUBE	BINOCULAR	•	•	•
	TRINOCULAR	•	•	•
EYEPIECE		WF 10X/18MM	WF 10X/20MM	
OBJECTIVES(DIN)		PLAN ACHROMAT 4X NA 0.10 PLAN ACHROMAT 10X NA 0.20 PLAN ACHROMAT 40X(S/L) NA 0.65 PLAN ACHROMAT 100X(S/L) NA 1.25		INFINITY PLAN ACHROMATIC 4X NA 0.10 INFINITY PLAN ACHROMATIC 10X NA 0.20 INFINITY PLAN ACHROMATIC 40X(S/L) NA 0.65 INFINITY PLAN ACHROMATIC 100X(S/L) NA 1.25
NOSEPIECE		QUADRUPLE/QUINTUPLE BALL BEARING NOSE PIECE		
		OUTWARD FACING	INWARD FACING	
MECHANICAL STAGE		LOW DRIVE CO-AXIAL CONTROL, HAVING X & Y MOVEMENT OF 55MM & 75MM		
FOCUSING SYSTEM		CO-AXIAL COARSE AND FINE FOCUSING ON BOTH SIDES		
CONDENSOR		ABBE CONDENSOR N.A. 1.25, WITH IRIS DIAPHRAGM MOVABLE ON RACK & PINION		
BUILT IN ILLUMINATION		LED 3W OR 6V 20W HALOGEN(OPTIONAL) WITH INBUILT RECHARGABLE BATTERY		
ELECTRICAL		UNIVERSAL INPUT 100V-240V AC, 50/60 HZ, BUILT IN VOLTAGE STABILIZER		

Optional Accessories



Fluorescence Attachment



2MP/5MP Camera



Phase Contrast



Dark Field Attachment



LCD Touch Screen



HD Camera



EN-ISO-13485 Certified

