

KAVIN SCIENTIFIC PRODUCTS

KM - 5 SERIES Laboratory Microscope

TECHNICAL SPECIFICATION



KM - 5M



KM - 5B

Stand	Aluminium die cast parts	
Body	Monocular head 45° inclined, 360° rotatable	Binocular head 45° inclined, 360° rotatable
Stage	Detachable Mechanical stage	
Condenser	Moveable condenser (NA 1.2) with IRIS diahragm and filter holder on rack and pinion)	
Focusing	Separate Coarse and Fine focusing adjustment	
Objectives	Achromatic objectives 10x, 40x (SL) and 100x (SL) OIL	
Eyeiece	WF 10x & H5x or H15x	WF 10x & H5x pairs
Nosepiece	Triple revolving nosepiece with precise centering and positive click stops.	
Safety Device	Adjustable down stopper for preventing accidental damage to slides	
Illumination	6V 20W Halogen bulb with variable illumination control	
Packing	Full moulded thermocol container	

OPTIONAL ACCESSORIES

1. LED illumination with battery backup for uninterrupted research and learning.
2. WOODEN BOX with lock and key.
3. Objective 4x



KAVIN SCIENTIFIC PRODUCTS

No. 7/A , Natarajan St, (Saidai Sambandham St),
Saidapet, Chennai - 600015.

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Mobile : 9940094224, 9840054224,

Email : kavinscientific@yahoo.co.uk | Web : www.kavinscientific.in





- High power quality compound monocular microscope
- Great for viewing biological specimens on slides
- Perfect for teachers and students alike
- Sharp, bright & clear images through high quality optics



KAVIN SCIENTIFIC PRODUCTS

KMM - 11 SERIES
Pathological Microscope

KAVIN SCIENTIFIC PRODUCTS

KMM - 11 SERIES

Pathological Microscope

TECHNICAL SPECIFICATION				
	KMM - 11 A	KMM - 11 B	KMM - 11 C	KMM - 11 D
	Stable and robust, assembled from alluminium die cast parts with heavy base			
	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable
	Detachable mechanical stage		Co-axial mechanical stage with ball bearing slides for frictionless & jerk free movement	
Condenser	Moveable condenser (NA 1.2) with IRIS diahragm and filter holder on rack and pinion			
Focusing	Separate Coarse and Fine focusing adjustment			
Objectives	Achromatic objectives 10x, 40x (SL) and 100x (SL) OIL		SEMIPLAN objectives 10x 40x (SL) and 100x (SL) OIL (Anti fungus)	
Eyepiece	WF 10x and H5x or H15x			
Nosepiece	Triple Revolving Nosepiece with precise centering and positive click stops		Ball bearing nose piece with rubber grip for life-long smooth rotation	
Safety Device	Adjustable down stopper for preventing accidental damage to slides			
Illumination	Plano concave mirror dia 50mm mounted on a gimble			
Packing	Full moulded thermocol container			

OPTIONAL ACCESSORIES

1. Sub stage pin type lamp working on 220 volts -15 watts.
2. Wooden Box with lock and key.
3. Objective 4x



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KMM - 11 SERIES

Pathological Microscope

KAVIN SCIENTIFIC PRODUCTS

KMM - 11 SERIES

Pathological Microscope



TECHNICAL SPECIFICATION

Body	Stable and robust, assembled from aluminium die cast parts with heavy base					
Observation Head	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable		
Stage	Detachable mechanical stage		Co-axial mechanical stage with ball bearing slides for frictionless & jerk free movement			
Condenser	Moveable condenser (NA 1.2) with iris diaphragm and filter holder on rack and pinion					
Focusing	Separate Coarse and Fine focusing adjustment					
Objectives	Achromatic objectives 10x, 40x (SL) and 100x (SL) OIL		SEMPIPLAN objectives 10x 40x (SL) and 100x (SL) OIL (Anti fungus)			
Eyeiece	WF 10x and H5x or H15x					
Nosepiece	Triple Revolving Nosepiece with precise centering and positive click stops		Ball bearing nose piece with rubber grip for life-long smooth rotation			
Safety Device	Adjustable down stopper for preventing accidental damage to slides					
Illumination	Plano concave mirror dia 50mm mounted on a gimble					
Packing	Full moulded thermocol container					

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KAVIN SCIENTIFIC PRODUCTS

KM - R SERIES

Research Microscope



KM - RL - MONO



KM - RL



KM - RS

TECHNICAL SPECIFICATION

Body	Alluminium die cast parts with all critical movements based on ball-bearing guides		
Observation Head	Monocular head 30° inclined, 360° rotatable	Binocular head 45° inclined, 360° rotatable	Sidentopf Binocular head 30° inclined, 360° rotatable
Stage	Co-axial double plate mechanical stage with ball bearing slides for frictionless and jerk free movement		
Condenser	Moveable condenser (NA 1.2) with IRIS diaphragm and filter holder on rack and pinion		
Focusing	Coaxial Coarse and Fine focusing mechanism		
Objectives	Sper Achromatic objecties / Semi Plan objectives / Plan Achromatic objectives / Infinity series objectives 4x, 10x, 40x (SL) & 100x (SL) Oil Anti Fungas		
Eyepiece	WF 10X (F. No. 18) Pair		
Nosepiece	Quadruple reverse revolving ball bearing nosepiece for life long smooth rotation		
Illumination	6V 20W halogen bulb with variable illumination control		
Packing	Full moulded thermocol container		

OPTIONAL ACCESSORIES

- | | |
|---|-----------------------------|
| 1. Trinocular Head / Sidenotopf Trinocular Head | 4. Drawing Tube attachment |
| 2. LED illumination control | 5. Fluorescence attachment |
| 3. Phase contrast attachment | 6. CCD/C-MOS Digital camera |



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KAVIN SCIENTIFIC PRODUCTS

KM - R SERIES

Research Microscope

KAVIN SCIENTIFIC PRODUCTS

KSS - 11 SERIES

Student Microscope



KSS - 11A



KSS - 11B



KSS - 11C

TECHNICAL SPECIFICATION

Body	Stable and robust, assembled from alluminium die cast parts	
Observation Head	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable
Stage	Fixed square stage size 120x120mm with stage clips	
Condenser	Fixed condenser (NA 1.2) with IRIS diaphragm & filter holder	Moveable condenser (NA 1.2) with IRIS diaphragm and filter holder on rack and pinion
Focusing	Separate Coarse and Fine focusing adjustment	
Objectives	Achromatic objective 10x & 40x (SL)	
Eyepiece	WF 10x or HH10x & 15x	
Nosepiece	Triple Revolving Nosepiece with precise centering and positive click stops	
Safety Device	Adjustable down stopper for preventing accidental damage to slides	
Illumination	Plano concave mirror dia 50mm mounted on a gimble	
Packing	Full moulded thermocol container	

OPTIONAL ACCESSORIES

1. Sub stage pin type lamp working on 220 volts -15 watts.
2. Mechanical stage for X - Y movements of slide.
3. Wooden Box with lock and key.
4. Objective 4x



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- Easy to operate
- Robust and durable
- Quality optincs
- Flexbile through its modularity

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KSS - 11 SERIES

Student Microscope



- > Easy to operate
- > Robust and durable
- > Quality optics
- > Flexible through its modularity

KAVIN SCIENTIFIC PRODUCTS

KSS - 11 SERIES

Student Microscope

KAVIN SCIENTIFIC PRODUCTS

KSS - 11 SERIES

Student Microscope



KSS - 11A



KSS - 11B



KSS - 11C

TECHNICAL SPECIFICATION

Body	Stable and robust, assembled from aluminium die cast parts	
Observation Head	Monocular tube inclined up to 90°	Monocular head 45° inclined 360° rotatable
Stage	Fixed square stage size 120x120mm with stage clips	
Condenser	Fixed condenser (NA 1.2) with IRIS diaphragm & filter holder	Moveable condenser (NA 1.2) with IRIS diaphragm and filter holder on rack and pinion
Focusing	Separate Coarse and Fine focusing adjustment	
Objectives	Achromatic objective 10x & 40x (SL)	
Eyeiece	WF 10x or HH10x & 15x	
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KAVIN SCIENTIFIC PRODUCTS

KXL - 20 SERIES



KXL - 20M



KXL - 20B



KXL - 20D

TECHNICAL SPECIFICATION

Body	Alluminium die cast parts with all critical movements based on ball-bearing guides		
Observation Head	Monocular head 45° inclined, 360° rotatable	Binocular head 45° inclined, 360° rotatable	Double viewing head 45° inclined, 360° rotatable
Stage	Co-axial double plate mechanical stage with ball bearing slides for frictionless and jerk free movement		
Condenser	Moveable condenser (NA 1.2) with IRIS diaphragm and filter holder on rack and pinion		
Focusing	Coaxial Coarse and Fine focusing mechanism		
Objectives	Achromatic objectives 4x, 10x, 40x (SL) & 100x (SL) Oil Anti Fungus		
Eyepiece	WF 10X & H5x	WF 10X & H5x (Pair)	WF 10X (Pair)
Nosepiece	Quadruple revolving ball bearing nosepiece for life long smooth rotation		
Illumination	6V 20W halogen bulb with variable illumination control		
Packing	Full moulded thermocol container		

OPTIONAL ACCESSORIES

1. Trinocular Head / Sidenotopf Trinocular Head
2. LED illumination control
3. CCD/C-MOS Digital camera



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KXL - 20 SERIES