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**Scientific
 & Industrial
 Microscopes**

XEC-10 Series Compound Microscopes

These instruments are full sized student microscopes designed for use in ordinary and advanced level biology studies (age 16-18). The high quality optics used also make the instruments suitable for basic microscopy activities in laboratories. All models feature DIN standard optics, separate coarse and fine rack and pinion focusing, large stage with spring clips and a 45° inclined 360° rotatable monocular head. There are four models in the range to suit your exact needs.



XEC-M10D Compound Student Microscope

XEC-M10D

XEC-M10D consists of the following:

Body	Die cast aluminium
Head	45° inclined 360° rotatable monocular
Eyepiece	W10x with pointer
Nosepiece	Triple to accept 3 objectives
Objectives	DIN achromatic objectives 4x, 10x, 40xR
Condenser	0.65 NA stage condenser with 5 position disc diaphragm
Stage/Stand	110mm x 120mm with sprung clips
Focusing	Separate coarse and fine focus
Illumination	12W/6V Halogen

Cat.No	Description
710-111	XEC-M10D Compound Student Microscope



XEC-M10A Compound Student Microscope

XEC-M10A

As XEC M10D but with the benefit of a 1.25 NA Abbe condenser with adjustable diaphragm for improved illumination control.

XEC-M10A consists of the following:

Body	Die cast aluminium
Head	45° inclined 360° rotatable monocular
Eyepiece	W10x with pointer
Nosepiece	Triple to accept 3 objectives
Objectives	DIN achromatic objectives 4x, 10x, 40xR
Condenser	1.25 NA Abbe condenser with adjustable diaphragm
Stage/Stand	110mm x 120mm with sprung clips
Focusing	Separate coarse and fine focus
Illumination	20W/6V Halogen

Cat.No	Description
710-125	XEC-M10A Compound Student Microscope



XEC-M10AQ

As XEC-M10A but with a quadruple nosepiece to accept the 3 standard objectives 4x, 10x, 40xR plus one optional (please see accessories list for XEC10-series).

XEC-M10AQ consists of the following:

Body	Die cast aluminium
Head	45° inclined 360° rotatable monocular
Eyeiece	W10x with pointer
Nosepiece	Quadruple to accept 3 objectives (1 spare port)
Objectives	DIN achromatic objectives 4x, 10x, 40xR
Condenser	1.25 NA Abbe condenser with adjustable diaphragm
Stage/Stand	110mm x 120mm with sprung clips
Focusing	Separate coarse and fine focus
Illumination	20W/6V Halogen

Cat.No	Description
710-200	XEC-M10AQ Compound Student Microscope

XEC-M10AQ Compound Student Microscope



XEC-B10AQ

The XEC-B10AQ has the same features as the XEC-M10AQ but is fitted with a binocular viewing head and built in mechanical X-Y stage, with 30mm x 60mm movement.

XEC-B10AQ consists of the following:

Body	Die cast aluminium
Head	45° inclined 360° rotatable binocular
Eyepieces	W10x with pointer
Nosepiece	Quadruple to accept 3 objectives (1 spare port)
Objectives	DIN achromatic objectives 4x, 10x, 40xR
Condenser	1.25 NA Abbe condenser with adjustable diaphragm
Stage/Stand	110mm x 120mm with built-in mechanical X-Y stage, with 30mm x 60mm movement
Focusing	Separate coarse and fine focus
Illumination	20W/6V Halogen

Cat No.	Description
710-142	XEC - B10AQ Compound Student Microscope

XEC-B10AQ Compound Student Microscope

Accessories for XEC-10 Series

Cat.No	Description		
750-001	Mechanical X-Y stage with 30mm x 60mm movement	750-100	100xRD oil immersion objective
750-002	Plastic Carry Case	751-116	W10x Widefield eyepiece
753-020	Spare 12W/6V halogen bulb (M10D only)	751-150	W15x Widefield eyepiece
753-021	20W/6V halogen bulb (other M10 series)	750-036	DIN achromatic 20x objective
		750-037	DIN achromatic 60x(R) objective
		752-400	Polarising attachment



Visit our website on www.pyser-sgi.com for further information on the complete range of products available from Pyser-SGI Limited.

Pyser-SGI Limited reserves the right to amend these specifications.

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