

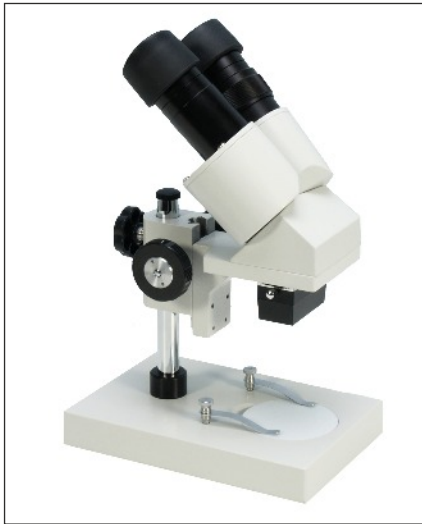
# Brunel Microscopes Ltd



**Brunel MX Series Microscope**

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The MX series are a range of stereomicroscopes that combine durability with excellent value for money. The illuminated models are equipped with a choice of incident or incident / transmitted lighting. All models have inclined binocular heads for ease of use. The binocular heads have dioptic adjustment and the interocular distance can be varied to suit the individual. Coarse focus is by pillar adjustment with a robust rack and pinion system providing fine movement. Rubber eyecups and a dust cover are provided as standard. The microscope stands are equipped with a black/white dissection plate and a frosted glass plate for use with the transmitted illumination. The rack and pinion focus system has a clutch adjustment system to adjust the tension. All models with transmitted illumination can be fitted with a gem clamp and dark ground adapter to provide a gemscope for examination of precious stones and gems. The MX series are exceptional value for money.



**MX1 Brunel series**



**MX2 Brunel series**

### **MX1**

The MX1 is a cost effective introduction to quality stereomicroscopy. The stereo head is equipped with x10 super widefield eyepieces and a x2 objective pair providing an overall x20 magnification that can be extended to x10 to x120 with additional eyepieces and objectives. The stand has a chrome column coarse focus and a rack and pinion fine focus system. The stage has a rotatable black/white dissection plate with stage clips. The focus mechanism has a tension adjustment system that can be set to suit the individual. The interpupillary distance is adjustable between 55 to 75mm and one eyetube has dioptic adjustment. At x20 magnification the effective working distance is 80mm. Excellent value for money.

### **MX2**

The MX2 has the same optical specification as the MX1, with the same potential magnification range with the use of additional objectives and eyepieces. The principal benefit is the addition of inbuilt incident illumination. Stereomicroscopes need good specimen illumination and whilst good low price sources of lighting are readily available (and necessary for the MX1), the presence of inbuilt lighting directed at the specimen is a great convenience. The MX2 has recently been re-introduced to our MX series microscopes directly as a result of customer demand and is recommended as an ideal instrument for the amateur naturalist.

### **MX3**

The MX3 has the same optical specification as the MX1 and has the same potential magnification range of x5 to x120 with additional eyepieces and objectives (see MX accessories). The objectives are on a dovetail slider which makes changing the objectives pairs very simple, x1, x3, x4 and x6 are available. The working distance at x20 is 57mm. The MX3 has a raised base accommodating both incident and transmitted illumination systems. The incident lamp is fitted behind the objectives and shines down directly on the specimen area. The lighting is controlled by a rocker switch that allows either the incident or transmitted options to be used alternately.

### **MX6T and MX7T**

Both the MX6T and MX7T have turret mounted twin objectives which allow a choice of magnifications with each model, but with dual illumination. The MX6T has x10 and x30 magnification and the MX7T x20 and x40 with alteration of the magnification being achieved by rotating the turret. Additional increased magnification is possible with x15 and x20 additional eyepieces. However the objectives are factory fitted and cannot be altered. Both models have both incident and transmitted illumination as described for the MX3.

### **Gemscope Options**

The MX3 , MX6T and MX7T models can be fitted with dark ground attachments and a gem clamp for gem and precious stone examination.



**MX3 Brunel series**



**MX6T and MX7T Brunel series**

### **MX series Accessories**

The full list of current accessory prices is available on our web site [www.brunelmicroscopes.co.uk](http://www.brunelmicroscopes.co.uk), however the more specialised items are listed below

x5 eyepieces (pair)	<b>MX-01</b>	Dark ground plate (MX3, 6T and 7T)	<b>MX-09</b>	Wooden case	<b>MX-17</b>
x15 eyepieces (pair)	<b>MX-02</b>	Gem clamp	<b>MX-10</b>	1.3M digital minicam	<b>MX-18</b>
x20 eyepieces (pair)	<b>MX-03</b>	X10 measuring eyepiece	<b>MX-11</b>	Aluminium attache case	<b>MX-19</b>
x1 objectives (MX1 and MX3 only)	<b>MX-04</b>	Stage micrometer	<b>MX-12</b>		
x3 objectives (MX1 and MX3 only)	<b>MX-05</b>	T2 ring (state camera make)	<b>MX-13</b>		
x4 objectives (MX1 and MX3 only)	<b>MX-06</b>	Unilink digital camera adapter	<b>MX-14</b>		
x6 objectives (MX1 and MX3 only)	<b>MX-07</b>	CCTV adapter	<b>MX-15</b>		
Polariser/analyser	<b>MX-08</b>	SLR camera adapter	<b>MX-16</b>		

Brunel Microscopes has a suite of Microscopy and Computing related websites.

**[Brunel website](http://www.brunelmicroscopes.co.uk)**

[www.brunelmicroscopes.co.uk](http://www.brunelmicroscopes.co.uk)

**[Brunel Online shop](http://www.brunelmicroscopessecure.co.uk)**

[www.brunelmicroscopessecure.co.uk](http://www.brunelmicroscopessecure.co.uk)

**[Used Microscopes range](http://www.usedmicroscopes.co.uk)**

[www.usedmicroscopes.co.uk](http://www.usedmicroscopes.co.uk)

**[Microscopy Training Courses](http://www.microscopytraining.co.uk)**

[www.microscopytraining.co.uk](http://www.microscopytraining.co.uk)

**[Microscopy Auctions](http://www.microscopeauctions.co.uk)**

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**[Image Capture](http://www.microscopyimaging.co.uk)**

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**[Digital Microscopy](http://www.digital-microscopes.co.uk)**

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**[Educational Microscopes](http://www.educationalmicroscopes.co.uk)**

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**[Microscopy Safety](http://www.microscopysafety.co.uk)**

[www.microscopysafety.co.uk](http://www.microscopysafety.co.uk)

**[Brunel Computing](http://www.brunelcomputing.com)**

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Brunel Microscopes Ltd  
Unit 2 Vincients Road  
Bumpers Farm Industrial Estate  
Chippenham, Wilts. SN14 6NQ

Tel: 01249 462655  
Fax: 01249 445156  
[mail@brunelmicroscopes.co.uk](mailto:mail@brunelmicroscopes.co.uk)