

1 **Motic** 10 YEARS 2 YEARS



## 1. Motic 18 Series Biological Microscopes

Motic's LED system offers bright white illumination with no heat. By using a rechargeable battery pack, this illumination system can also be used cordless. Whether you are working outdoors, in a room which lacks electrical outlets or you simply prefer a tangle-free work environment, our LED microscopes offer a wide range of possibilities.

The 18 series utilises a rugged platform and contains only high quality components. The LED system is rated for 10,000 hours of life, longer than any other type of illumination. A single charge of 8 hours allows up to 50 hours of continuous use. Aside from the fact that the LED system produces virtually no heat, it also operates under low-voltage making it ideal for the school environment. All microscopes include a user manual, battery charger and vinyl dust cover.

Features include:

- 45° inclined monocular head, rotates 360°
- Widefield eyepiece WF10X/18mm with built-in pointer
- Reverse mounted, quadruple revolving nosepiece with positive click stops
- EA achromatic objectives, 4X/0.10, 10X/0.25 and 40X/0.65
- Separate coarse and fine focusing system with upper limit stop to prevent damage to slides and objectives
- Focus tension adjustment prevents stage drift
- Large 120 x 125mm plain stage with locked-on spring stage clips
- Special built-in 0.65NA condenser with iris diaphragm
- Rechargeable LED illumination with intensity adjustment

1802 additional features:

- Focusable 1.25NA Abbe condenser
- Large 133 x 136mm mechanical stage
- Low position coaxial controls

1820 features (in addition to 1802):

- Binocular head

**10 year warranty on optical/mechanical parts, 2 year warranty on electrical parts.**

Code	Description	Pack	Price
<b>MIC5914</b>	1801 monocular	Each	<b>£190.64</b>
<b>MIC5916</b>	1802 monocular & mech stage	Each	<b>£279.39</b>
<b>MIC5918</b>	1820 binocular	Each	<b>£395.58</b>

### Accessories

Code	Description	Pack	Price
<b>MIC5514</b>	Widefield eyepiece 15X/12mm	Each	<b>£15.45</b>
<b>MIC5516</b>	Micrometer eyepiece WF10X/18mm*	Each	<b>£54.78</b>
<b>MIC5702</b>	Reticule 19mm for 18mm eyepiece*	Each	<b>£24.64</b>
<b>MIC5518</b>	Achromatic objective EA 4X/0.10	Each	<b>£17.70</b>
<b>MIC5520</b>	Achromatic objective EA 10X/0.25	Each	<b>£15.45</b>
<b>MIC5522</b>	Achromatic objective EA 20X/0.40	Each	<b>£35.30</b>
<b>MIC5524</b>	Achromatic objective EA 40X/0.65/S	Each	<b>£38.77</b>
<b>MIC5526</b>	Achromatic objective EA 60X/0.85/S	Each	<b>£46.35</b>
<b>12180168</b>	Achromatic objective EA 100X/1.25/S oil	Each	<b>£50.96</b>
<b>MIC5692</b>	0.5X C-mount camera adapter	Each	<b>£49.87</b>

\*100 divisions/10mm

CHEMICALS

BIOLOGY

CHEMISTRY

DATALOGGING

PHYSICS

A

B

C

D

E

F

G

H

I

J

K

L

M

O

P

S

T

V

W