

MPL microscopes plus ltd

Microscopes Plus have specifying, supplying and servicing microscopes for Asbestos Analysis for over 20 years .

*We listen to what our customers have said they need:
Good optical and mechanical quality, robust, easy to use,
great value and no fuss! And that's what we deliver!*

*Our 2019 range of microscopes and accessories is even
better performance, quality and value.*



For further information or technical queries please contact us.

The Motic **BA-310E PHASE** counting microscope fully conforms to UKAS specification, and more than fulfils the criteria demanded for Asbestos Analysis.

All metal construction makes it robust and rugged enough for on-site use. And at only 12 Kg, (case + scope), it's more light enough to carry around.

10x and 40x high quality phase objectives coupled with phase slider makes for easy set up, simple operation and allows identification and alignment of the NPL test slide with no effort freeing the analyst to concentrate on the work at hand.

Widefield 15x eyepieces make for stress free observation.

Rackless mechanical stage with low set XY controls for precise movement

6v/30w halogen or optional 3W LED illumination for excellent brightness even with phase contrast

Clear and assured 5 band resolution

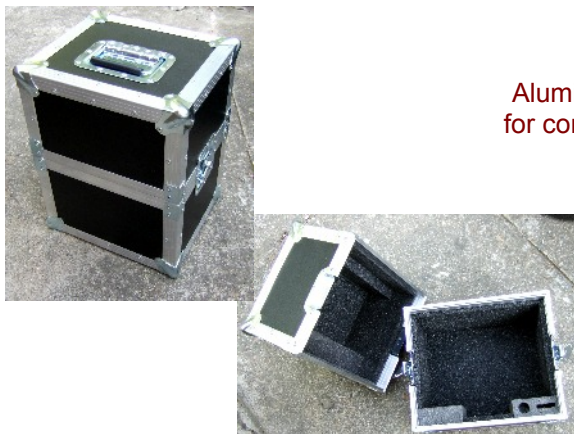
Complete with custom fit aluminium carry case



Binocular tubes fully moveable for 'up' or 'down' viewing position



Condenser NA 0.9 with phase slider inserted.



Aluminium carry case for complete protection and safety



specification

- WF 15x eyepieces
- Walton & Beckett G22 graticule
- 10x and 40x phase objectives
- Fully adjustable condenser
- 10x/40x phase slider
- Green interference filter
- Phase telescope
- Coarse and fine focus controls
- Anti crash and tension adjustment
- Variable 30W halogen light source*
- Kohler illumination
- Built-in mechanical XY stage
- Aluminium Carry Case

Additional items

- *3W LED plug-in Module
- S12 calibration micrometer

Fully specified PLM polarising microscope, the **BA-310POL** from Motic, conforms to current UKAS specification and is, we think, virtually unbeatable in specification and use.

Well laid out 'at hand' controls provide comfort in prolonged use whilst the 30° binocular head, wide field eyepieces and high quality optics aid strain free viewing even over long periods of time.

Smooth, positive movement of the focus controls and rotating stage assure ease of use and accuracy in analysis.

Simple to set up and use. Minimal adjustment needed to switch between polarisation and dispersion staining

Centring of individual optics allows for greater accuracy over 360° stage rotation.



Push-in analyser
(360° rotating) and
1st order red tint



Analyser, 1st order
red tint plate and
bertrand lens



Large 360° rotating
graduated stage, stage
clips and locking screw



NA 0.9 condenser with
flip-in lens and integral
rotating polariser

Specification

Widefield 10x eyepieces
10x DS optic
10x POL optic
NA 0.90/0.13 swing out condenser
360° rotating stage with lock
Sub-stage polariser
Analyser unit
Bertrand lens
1st order red tint plate
Anti crash lock and tension
adjustment on focus
Kohler illumination
30W halogen light source

Our Motic BA310POL combined Phase and Polarisation microscope is the perfect laboratory based Counting and ID work with Soil Samples with well laid 'all at hand' controls, 30 binocular head and widefield eyepieces provide comfort for prolonged work sessions and is easy to set up and use.

In addition to the standard Motic BA310POL bulk ID microscope we add 15x eyepieces with Walton and Beckett graticule fitted, a 10x POL, 10x DSO and phase contrast 40x optics enabling the user to switch from polarising to dispersion and then counting.

Optics are individually centred on the nosepiece allowing for greater accuracy in specimen centration for polarisation use.

An attachable mechanical stage is also included to allow controlled movement of specimen for counting purposes.

(A trinocular version is also available)



*We service of all makes / models of asbestos microscopes. Call or email for details and quotation
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