

Biological Microscopes

The Topic is a high-calibre routine binocular/trinocular microscope, designed for routine use in biological research. As befits a routine professional microscope, it offers the perfect marriage of price and optical quality. All mechanical and optical components, including accessories, undergo rigorous quality control procedures to ensure perfect performance.

The Topic addresses a diverse range of needs for examination, inspection and measurement, and is suited, for example, to bacteriology, pathology, haematology and the inspection of water quality, food and beverages. The quintuple nosepiece is supplied with 4 semi-planachromatic objectives (4x, 10x, 40x, 100x), offering exceptional image clarity and flatness, true colour reproduction, and needle-sharp resolution. Perfect Köhler-type illumination is ensured at all times. A built-in halogen illuminator (12V/20W) with continuous light intensity control in the base, a precondensor with field diaphragm, and centrabre Abbe condensor with iris diaphragm guarantee fingertip control over illumination. On the trinocular version, a photo/video port on the vertical optical tube provides the perfect platform for photo, video, and complementary computer analysis techniques. A wide range of accessories is available to match the specific research purposes of Topic users. These include a polarising set, phase contrast sets, darkfield condenser, heating stage and drawing device.

Topic B
for phase contrast



An epifluorescence attachment is also available for the Topic. Epifluorescence techniques are particularly useful for medical disease-detection laboratories. Three planachromatic objectives (25x, 40x, 100x) specially designed for epifluorescence techniques are provided. A high intensity 50W HBO lamp with external and intelligent power supply is necessary for the excitation of fluorochromes. The Topic epifluorescence has two combined sets of excitation and barrier filters for green and blue light.



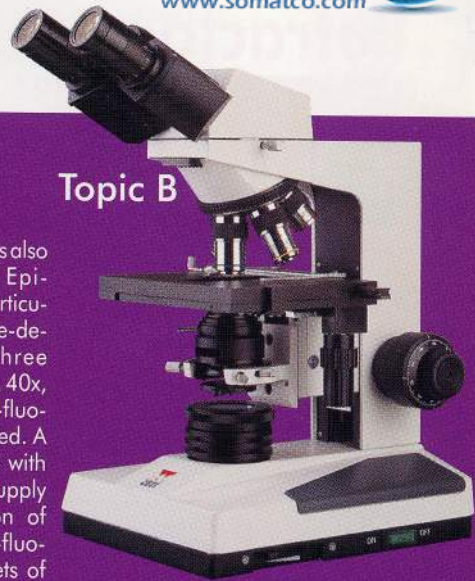
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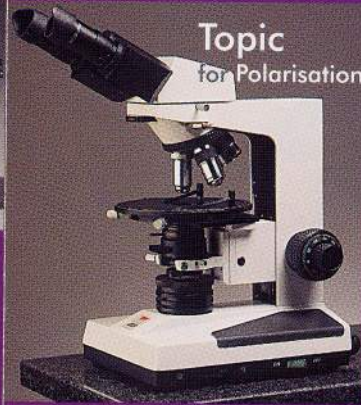
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Topic B



Topic
for Polarisation



The Topic for Polarisation is an answer to the increased demand for polarised light microscopy, keeping pace with development in research within the fields of mineralogy, crystallography, geology, petrology, pharmacology and biology.

We at Ceti realise that the most efficient polarising systems

must be extremely precise and reliable, yet simple to use. For simple polarisation observations you have the easy-to-install set including a rotatable-mounting analyser which fits under the optical head and a fixed-mounted polariser which fits into a slot on the condenser. For compound polarisation application a built-in slot accept optional lambda compensating plates and a Bertrand lens system by iris diaphragm is foreseen onto the optical head. The round stage is 360° rotatable. The Topic for polarisation, a new angle on polarised light microscopy.

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