

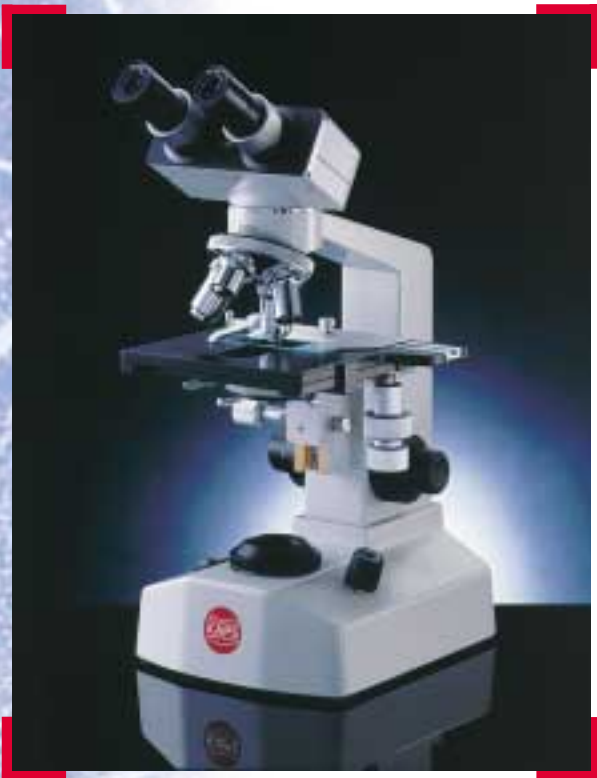


The Kaps KC-series

We are looking into details



The new generation of
our classic styled microscopes



KCBE 14

The great microscope for doctors and laboratories is our top model. Because of its versatility it can be used not only in doctor's surgeries, but also by gynaecologists, dermatologists and internists.

At the tripod there is a coaxial table-height adjustment with separate knobs for coarse and fine adjustment with a readout-precision of 0.005mm per graduation. Mechanical stage 160x130mm, range of adjustment 76x50mm. The two-lens condenser N.A.1.20 with iris diaphragm and coloured-disk condenser can be centred. Height adjustment is effected with rack and pinion. The 4-fold nosepiece runs in ball bearings. Infinitely variable halogen light 6V/20 Watt with radiant field stop, integrated in the foot.

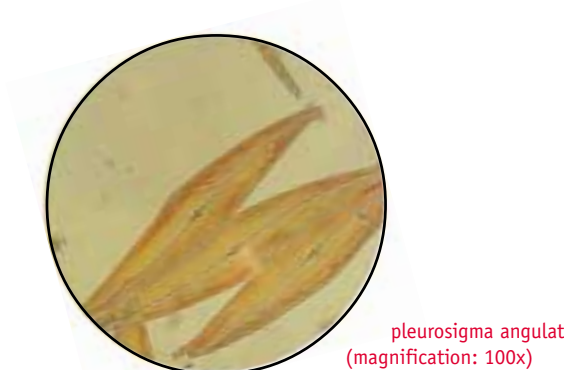
Objectives and accessories	
A 4x/0.10	A 40x/0.65 with object protection
A 10x/0.25	A 100x/1.25 (Oil) with object protection
Pair of eye pieces WF 10x/18, immersion oil (nd=1.515), blue filter, dust protection hood, spare bulb	



KCBE 13

The microscope for all doctors surgeries with inclined, 360° revolving binocular tube. Separate coaxial knobs for coarse and fine adjustment with graduation: 1 graduation mark=0.005mm. With 4-fold nosepiece running in ball bearings, object guide on the side of the table (KII). Two-lens condenser N.A.1.20, which can be centred and screwed-off, with iris diaphragm and coloured-disk condenser, height adjustment with rack and pinion. Infinitely variable halogen light 6V/20 Watt with radiant field stop, integrated in the foot.

Objectives and accessories	
A 4x/0.10	A 40x/0.65 with object protection
A 10x/0.25	A 100x/1.25 (Oil) with object protection
Pair of eye pieces WF 10x/18, immersion oil (nd=1.515), blue filter, dust protection hood, spare bulb	





cross-section of mammal testicle (magnification: 400x)

KCB 5

Enlarged academic microscope with inclined, 360° rotary binocular or monocular tube (KCM 5). Separate coaxial knobs for coarse and fine adjustment, 4-fold nosepiece, two lens bright field condenser, which is lowered and raised with rack and pinion. The rigid 120x120mm table offers the possibility of later mounting an object guide (KII). Clip-on lamp 230V/15 Watt.

Objectives and accessories	
A 4x/0.10	A 40x/0.65 with object protection
A 10x/0.25	A 60x/0.85 with object protection
Huygens pair of eye pieces 10x/14, dust protection hood	

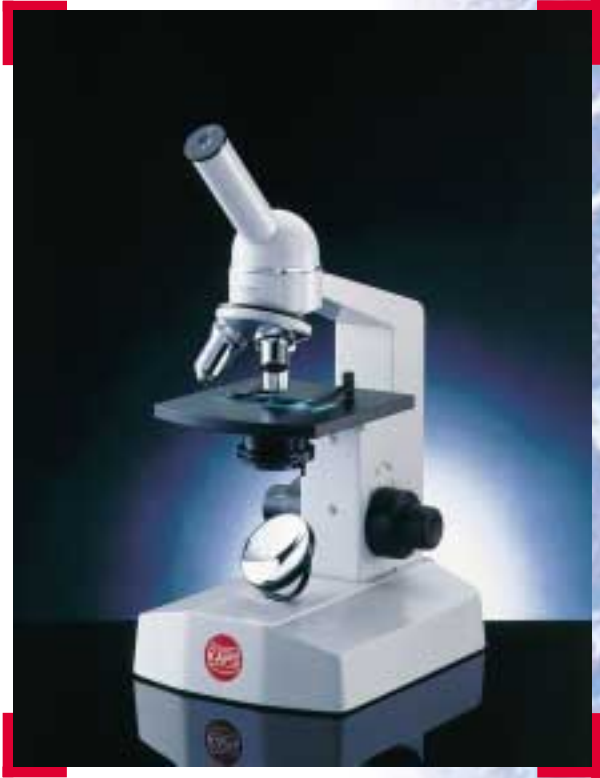


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KCM 4

Microscope for schools and classes for starting microscopy with inclined, 360° rotary monocular or binocular tube (KCB 4). Separate coaxial knobs for coarse and fine adjustment, 3-fold nosepiece, two lens bright field condenser in slide sleeve on a 120x120mm rigid table. Concave mirror an plane mirror or clip-on lamp 230V/15 Watt.

Objectives and accessories	
A 4x/0.10	A 40x/0.65 with object protection
A 10x/0.25	
Huygens ocular 10x/14, dust protection hood	



Programme of Accessories



Objectives. We offer three top quality series: Achromatic objectives (A), semiplanachromatic objectives (SPL) and planachromatic objectives (PL). All our optics have contrast increasing multicoated lenses. Objectives with magnifications 40x and higher are supplied with object protection.



Eyepieces. There are two eyepieces series available. The low cost Huygens-eyepieces (H) and wide field eyepieces (WF) with great field of vision. Special eyepieces are optionally available.

1 Polariscope. For examinations in polarised light two pole filters can be installed. The pole filter is rotary and fastened at the condenser, the analyser is located under the tube in a special recess (visible after taking off the tube).

2 Dark field condenser N.A.1.40 is an immersion condenser and with oil on the side of the condenser. With the objectives 40x, 63x, 100x the inset diaphragms must be considered, to match the objective aperture with the dark field condenser. Dark field microscopy is only possible with halogen light.



Phase contrast condenser N.A.1.20 with three different annular orifices for 4 phase contrast objectives and a free opening for bright field observation. Easy and safe setting of the annular orifice for respective phase contrast objectives by means of two knurled screws. For exact setting of the annular orifice the attached preset microscope is required.

Binocular photo-tube 70/30 (Trino). This binocular tube is equipped with a light dividing prism 70/30 as well as photographic, respectively a video truncate, facilitating the connection of single lens reflex or video-cameras for simultaneous picture observation. For taking photographs one needs additionally: 1 photo objective (F=50mm), 1 eye piece (10x) as well as an adapter. For video recordings the video-camera is directly screwed on the video truncate (C-Mount-thread).





KCBE 13 DF/Ph

This microscope is especially designed for gynaecological fast examination. A combined condenser with revolving mechanism facilitates bright field, dark field and phase contrast observations.

Objectives and accessories	
A 10x/0.25	A Ph 40x/0.65 with object protection
A Ph 20x/0.40	
Pair of eye pieces WF 10x/18, inset diaphragm for lens 40x (dark field), green filter VG 9, dust protection hood, spare bulb	



Proposals of equipment for...



Gynaecologists

Binocular laboratory microscope for gynaecologists with infinitely variable halogen light (6V/20W) and radiant field stop. Coaxial coarse and fine adjustment, mechanical stage 160x130mm, range of adjustment 76x50mm, 4-fold nosepiece running in ball bearings. Phase contrast device with three different annular orifices for 4 phase contrast objectives and one free opening for bright field.



Dermatologists

Binocular laboratory microscope for dermatologists with infinitely variable halogen light (6V/20W) and radiant field stop. Coaxial coarse and fine adjustment, mechanical stage 160x130mm, range of adjustment 76x50mm, 4-fold nosepiece running in ball bearings. Dark field condenser N.A.1.40 and phase contrast device with three different annular orifices for 4 phase contrast objectives and one free opening for bright field.



Internists

Binocular laboratory microscope for internists with infinitely variable halogen light (6V/20W) and radiant field stop. Coaxial coarse and fine adjustment, mechanical stage 160x130mm, range of adjustment 76x50mm, 4-fold nosepiece running in ball bearings. Dark field condenser N.A.1.40 and phase contrast device with three different annular orifices for 4 phase contrast objectives and one free opening for bright field.

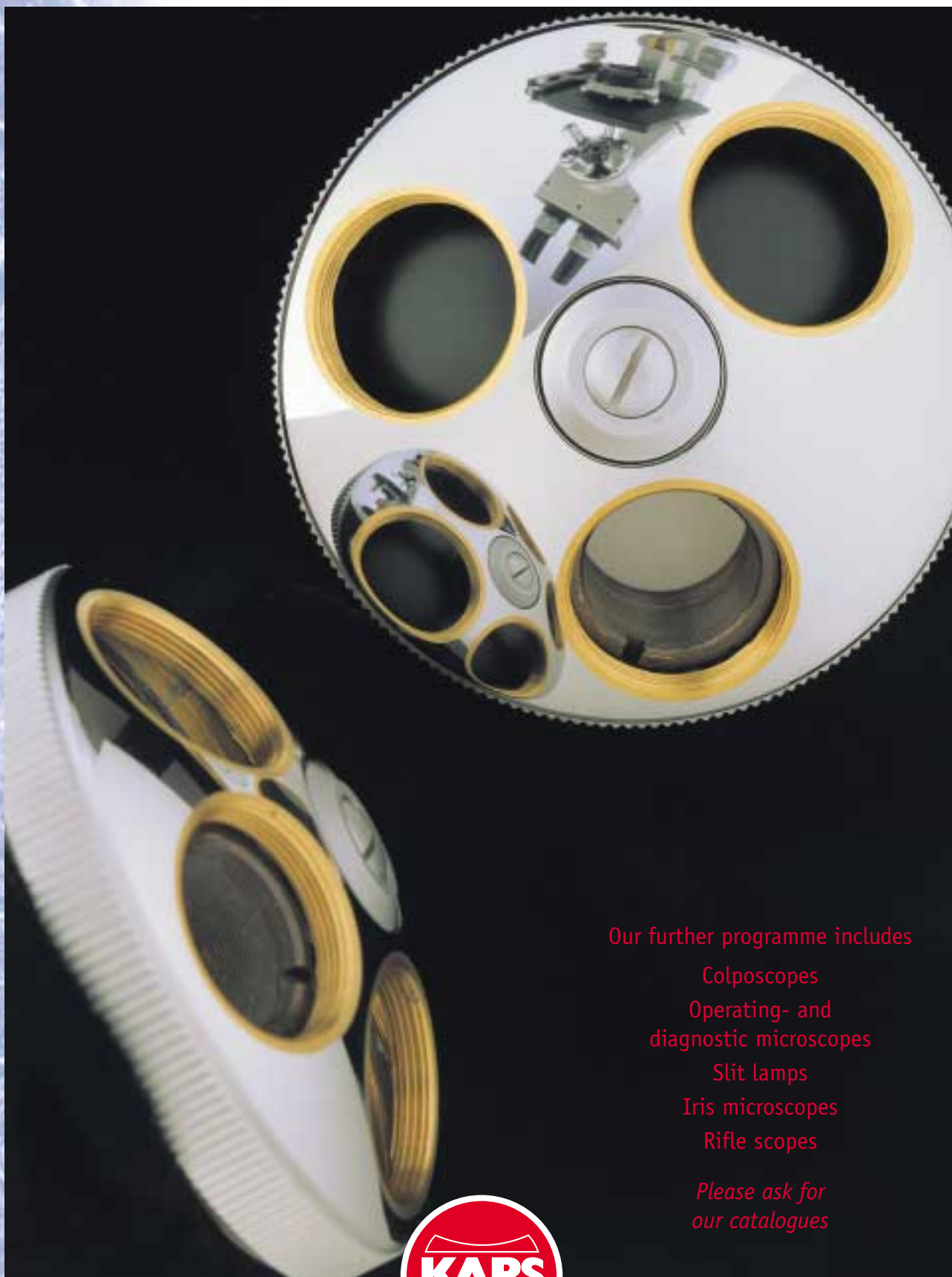


Objectives/eye pieces

All proposals above we recommend with the following objectives and eye pieces.

Objectives	
A 10x/0.25	A Ph 40x/0.65
A Ph 20x/0.40	A 100x/1.25 (Oil)

Oculars
Pair of eye pieces 10x/18



Our further programme includes

Colposcopes
Operating- and
diagnostic microscopes
Slit lamps
Iris microscopes
Rifle scopes

*Please ask for
our catalogues*



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