



Biological microscopes series: **GREENBIO**





Line of professional microscopes designed for “demanding” microscopists who require high reliability and precision. The UIS optical system, with infinite color correction, offers excellent high resolution and high contrast images. Reliable and precise mechanics.

Its advanced design makes the instrument stable and ideal for all microscopy applications, providing the operator with pleasant and fatigue-free use.

100x water immersion objective

Usually with a normal 100x immersion objective oil is used as a means of observation, after use it must be cleaned with alcohol or xylene (products that cause air pollution and increase the risk of opacity to the lens).

The immersion lens in water uses water as a means of solving the problems described above, reducing damage to the lens and being more environmentally friendly.

MODEL: GREENBIO5T

WATER IMMERSION OBJECTIVE 100x





TECHNICAL SPECIFICATION

GREENBIO500T

Pair of planachromatic eyepieces PL10x/22mm with integrated rubber ring (eyepiece tube Ø 30mm)	•
Diopter adjustment ±5 (diopters) and interpupillary distance 47-78mm	•
Trinocular Siedentopf head 30° inclined 360° rotatable	•
Third output for 50-50 split photo/video applications	•
Filter holder slots	•
Rear slit for carrying the instrument	•
Coded revolver for 5-position objective holder (click stop), inclined towards the stand to facilitate the insertion of the slides. Memory objective: the light intensity varies automatically depending on the objective used	•
UIS "Universal Infinity System" NIS60 plan achromatic objectives 4x/0.10 - 10x/0.25 - 40x/0.65(LWD 1.5mm) - 100x/1.10(S.) W water immersion objective	•
Rackless shift table 230x150mm, right hand drive, range 78x54mm	•
Tweezers for holding slides with the possibility of inserting 2 slides	•
Abbe condenser A.N. 1.25 with iris diaphragm and phase contrast slider. Centerable with double handwheel and height adjustable by knob with rack and pinion mechanism	•
Coaxial coarse/fine focusing, micro division 0.002mm with clutch and limit switch (on right grip)	•
Ergonomic micrometer on the right side for one-handed operation of the microscope	•
Friction: adjustment of the intensity of the focus (on the left knob)	•
End stop: table height adjustment to avoid accidental breakage of the slide	•
Stand completely made of aluminum	•
Koehler collector of field diaphragm filter holder illumination. Filters Ø 44mm	•
Front LCD display to view microscope status: working mode, light intensity, lens used, eco mode and shutdown	•
Multifunction knob with triple functionality: ECO mode, lock-unlock of the lighting and adjustment of the light intensity	•
3W S-LED lighting with light intensity adjustment	•
Rear power cord port	•
Dimensions	220x290x415(h)mm
Weight	9.40kg

• supplied / not supplied



Start & working mode



Lock mode



ECO mode



Sleep mode



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