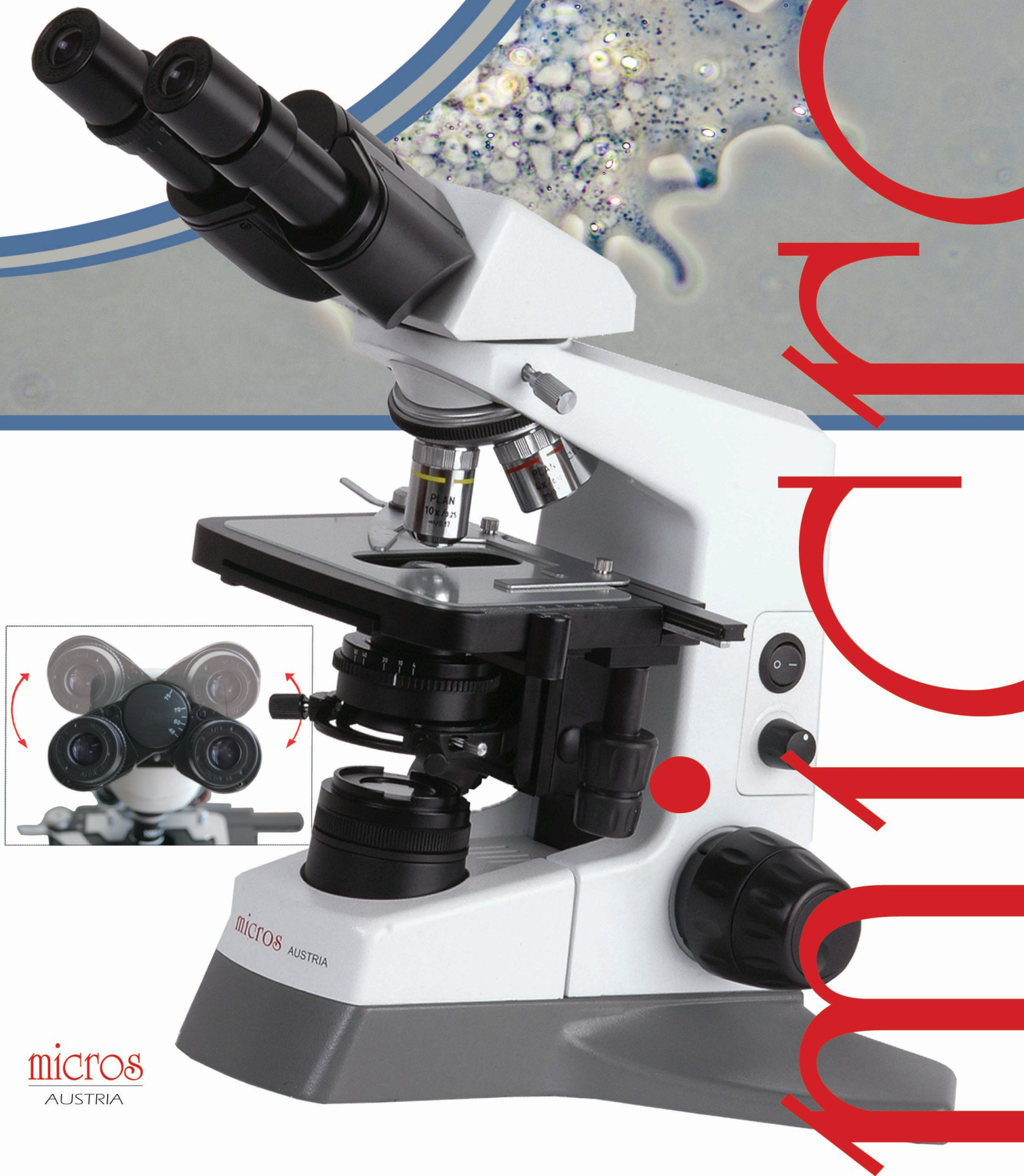


DAFFODIL MCX100

Advanced Biological
Microscope



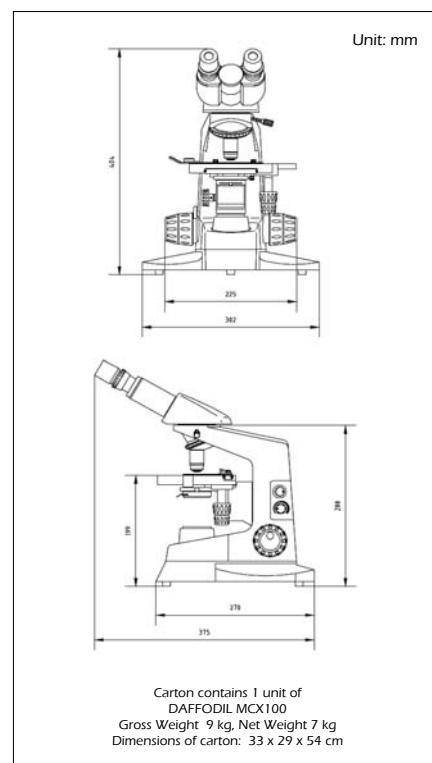
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Specifications DAFFODIL MCX100

Magnification Range	40x - 1000x
Microscope Body	Sturdy, 270 x 250 mm base with supportive rubber feet
Nosepiece	Quadruple, forward-turned mechanism with multiple ball bearings, elastic nose-piece grip ring Quadruple, reverse-angle mechanism with multiple ball bearing, elastic nosepiece grip-ring
Head	Binocular Arctype Siedentopf Head, 30° inclined, 360° rotatable, interpupillary distance 48 - 75 mm, provided with Anti-Fungus Treatment
Stage	Double layer mechanical stage with low position, coaxial coarse and calibrated fine focus control with graduation reading 2 microns per division. Total focusing range 40 mm, safety stop unit. With flexible glass stage. size of tabel: 155x135mm, X,Y stage travel range 80x50mm 0.1 mm reading scale
Condenser	Abbé brightfield condenser, n.A. 1.25, integrated iris diaphragm and filter tray, Condenser range: 17 mm
Eyepieces	EW 10x/20 Widefield
Objectives	ICO Plan 4x/0.10, wd: 17.80 ICO Plan 10x/0.25, wd: 17.96 ICO Plan 40x/0.65, spring loaded, wd: 4.5 ICO Plan 100x/1.25 oil, spring loaded, wd: 1.81
Illumination	Power supply in-built, 20W halogen bulb adjustable for 110/220V, 50/60Hz or alternatively 5W LED illumination system
Power Cord	Detachable
Focusing Level	Adjustable
CA Tension Control	Adjustable
Accessories	Dust cover, blue filter, immersion oil, instruction manual, fuses, 2pcs. PHILIPS 20W halogen bulbs
Options	Aluminium case, different eyepieces, phototube, phase contrast and darkfield attachment available. Eyepieces security lockable.



Optical System: The ICO Infinite objective series is chromatically corrected for the focus level and therefore ensures the highest image quality. The optical system is provided with Anti-Fungus treatment. All optical parts like eyepiece-, objective-, condenser- and prism lenses are made of LEAD free glass. **Illumination:** Bright and clear is essential! The DAFFODIL is equipped with a 6V/20W halogen illumination. If the bulb has to be replaced anyway, with the Quick Exchange System it will be done in a flash. Alternatively this model is also available with a economic 5W LED illumination system. **Head:** With an inclination of 30° and arctype tube it allows the greatest possible relief of the neck musculature. Adjustable interpupillary distance with diopter compensation from 55 to 75 mm can be individually adapted. Eyepieces are suitable for spectacle wearers. **Quadruple nosepiece:** Reverse angle permits to survey the complete surface of the sample and thus to scan the sample much faster. **Coarse Focus Pre-Adjustment** allows for an individual mobility adjustment of the coarse focus to meet with your requirements. **Focus Control Level** provides a fluent prefocusing on the sharpness of the sample, quick retrieving of the once adjusted level of sharpness and it prevents any unintended damage of the sample or the objective's front lense. **Practical Handling** is required for people who regularly work with a microscope. Therefore the operation controls are positiones user-friendly and designed ergonomically. Convenient **Hand Grips** at the back on the frame make transportation easy. The **special Quick Exchange System** allows a swift replace of the light bulb by simply pulling the housing. After putting back it will be locked in place by a built-in magnet. **Photography:** The cross section of the microscope stand resembles the letter „Y“ which ensures great stability and therefore permits agitation free photography. Trinocular tube and necessary accessories are available. **Upgrading:** for phasecontrast and darkfield applications, as well as for video- & microphotography. **Transport Case:** A robust black/silver colored aluminium transport case is availabe. Seperate compartments to store small parts. With lock and key. Dimensions: 50x33x34 cm, weight 6,2 kg.

Microscope design developed by MICROS AUSTRIA. Specifications and equipment are subject to change without any obligation on the part of the manufacturer.

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