

Wi-Fi Digital Microscopes

Mic-Fi is a line of versatile, portable digital microscopes with Wi-Fi transmission. Every device can be connected to iOS and Android Smart Phones or tablets through a specific App or a Wi-Fi/USB connection to computers and laptops (Windows or Mac). These innovative microscopes are an excellent extension to traditional microscopy. They perform the functions of measurement, conservation, copy and transfer of images and video which are difficult with a traditional microscope. They are small, easy to operate, light, and portable. This is the new way to observe the micro-world. They can be used [hand-held](#) or for more stability at high magnifications with the [range of stands and carriers](#) available.

Each microscope includes transparent cap, USB AC adapter, USB cable, Quick-Start Manual, plastic stand, line calibration ruler. Continuous working time with the rechargeable Li-ion battery is 2hours, recharging time 2 hours. Please ask for Data Sheet.

Range of Digital W-Fi Microscopes

Standard White Light Instrument 5x-200x

A handheld colour digital microscope with Wi-Fi wireless transmission. It is small, easy to operate, light and portable. Magnification range 5x-200x, WD 8-200mm. High definition microscope lens, 8 adjustable white LED light source, weight 88g, dimensions 36mm diameter x 142mm long.

M542 MICFISTD handheld Wi-Fi digital microscope 5x-200x magnification

Standard Instrument with Long Distance Working Optics

Microscope as standard white light instrument M542 but with magnification 10x-160x and WD 8-450mm

M543 MICFITL digital microscope 10x-160x with Long Working Distance optics

Digital Microscope 500x-600x Magnification

M544 High resolution digital microscope with a working distance of 0-0.3mm

Polarised Wi-Fi Digital Microscope

5x-200x magnification, WD 8-150mm, n. 8 adjustable white LEDs, dimensions 36mm dia. x 142mm long, weight 88gm

M545 MICFIP digital microscope for polarised light

White Light/UV/Infra Red Digital Microscope

High resolution, innovative handheld colour digital microscope with Wi-Fi or USB connectivity. Magnification of 5x -200x and Working Distance of 8-200mm. Light Source: 4 white adjustable LED & 4 UV adjustable LED (400nm).

M546 MICFIUVWIR White Light/UV/Infra Red digital microscope



M542



M543



600x

M544



Polarised light

M545



White light/UV

M546

Stands for Wi-Fi Digital Microscopes

At higher magnifications the ability of the human hand to support the microscope steadily is insufficient and a range of stands is available to overcome this problem depending on magnification to be used and size of sample.

Basic Stand

A simple stand holding the microscope in a cradle attached to a semi-rigid flexible swan-neck arm allowing movement vertically (for focussing) with some lateral movement. The sample is traversed by hand.

S621 Basic stand AGM-RCKA on flexible arm



Incident Light Stand with Vertical Focussing Rack

A rigid pole stand with a sliding block containing a rack-and pinion focussing mechanism.

S622 Mic-Fi pole stand AGM-RCKX with vertical focussing block



Transmitted Light Stand

This is an LED backlighting stand/rack with a collar to clamp the microscope body. Vertical movement for focussing with mechanical stage holding a slide carrier with N-S and E-W adjustments. Power supply via batteries (4 x AA) or USB cable.

S623 Mic-Fi LED transmitted light stand AGM-RCKBL with moveable slide carrier.



Multi Movement Incident Light Stand

A long arm stand giving full movement vertically, horizontally and with rotation.

S624 Mic-Fi long arm stand AGM-RCKY with multiple movements

