

B-290TB - Digitální mikroskop
Order code: **0501.B290TB**



Cena bez DPH

1.910,00 Eur

Price with VAT

2.311,10 Eur

Parameters

Microscopes types

Digital

Serie

B-290TB

Number of eyepieces

Binocular

Number of lenses

4

Description	Binokulár, E-PLAN achromatické objektivy 4x, 10x, 40x, 100x
Zoom of lenses	4x, 10x, 40x, 100x
Illumination	LED
Quantitative unit	ks

This series incorporates all the experience gathered by OPTIKA. Microscopes in the field of light microscopy, adapted specifically for routine laboratory brightfield applications. These microscopes are suitable for routine microscopy and have an ergonomic design for comfortable long-term use. Optika is glad to introduce a new member of this key series:

The B-290TB.

EXCEPTIONAL OPERABILITY

You can rotate the tablet on the microscope in all directions, so it can be used as a microscope demonstration.

Simultaneous data and power feed makes it ideal for long-term operation.

Tablet PC can be easily detached from the microscope and used as a laptop.

PATENT PENDING

Optical system & objectives:

The optical system has been developed for demanding users; it consists of high quality components which guarantee an high image contrast and an excellent optical resolution. The optical components have been designed and treated with special techniques to prevent the formation of moulds and fungus.

Stand:

The stand has a modern and ergonomic design. It is easy to move the microscope thanks to the large opening behind the revolving nosepiece, to be used as a handle. The opening allows the user to see clearly the objectives and the samples, as requested in discussion groups.

Mechanics:

The moving parts are made by means of machine tools with computerized numerical control. In this way we have reduced the manufacturing tolerance and increasing the reliability of the instrument. The strict controls on materials and production processes are optimized through the procedures established by ISO 9001:2008 quality system.

Illumination:

X-LED type with white LED; light intensity control using a knob on left side of the frame. LED power 3.6W, comparable to a 50W halogen bulb.

Camera:

Digital camera resolution: 3.14 MegaPixels

Signal output: USB 2.0

Sensor size: 1/2.5"

Sensor technology: CMOS

Image format: 4/3 Full

Image Size: 2048x1536. NO driver (microsoft driver).

Capture fetures: continuous auto exposure, image size, image capture, compressed video capture.

Control parameters: brightness, gain, exposur time, colors, color enhancement..

Tablet PC:

Tablet 10.1"

2GB standard memory.

Hdd 32GB.

Windows 10 32-bit.

1,83 GHz

LED 10.1" IPS Multi Touch Screen,

1280x800