

USB Edge Fluorescence Microscope 1.3 MP 20-220x Excitation 620 nm - Dino-Lite AM4115T-DFRW

Item no. AM4115T-DFRW

Manufacturer Dino-Lite

EAN 4712805474271

Edge fluorescence microscope with 620 nm excitation and a 650 nm long-pass emission filter for deep-red fluorophores such as mNeptune. Switchable white light eases location and focus. Continuous 20-220x zoom with measurement.

TECHNICAL DATA

Ausführungsklasse	TEC
ESD equipment	USB Mikroskop
HS-Code	90118000
Weight	0.105 kg



DESCRIPTION

FLUORESCENCE IN THE DEEP-RED RANGE

The AM4115T-DFRW excites the sample at 620 nm and filters emission through a long-pass from 650 nm. This combination is tuned for deep-red fluorophores such as mNeptune. The switchable white light helps to locate the feature first and bring it into focus before switching to fluorescence mode.

KEY FEATURES

- 620 nm excitation, long-pass emission filter from 650 nm for deep-red fluorophores
- Switchable white light to locate and focus the sample
- Continuous 20x to 220x magnification
- 1.3 MP sensor at 1280 x 1024 pixels and up to 30 frames per second
- Measurement and calibration through DinoCapture and DinoXcope

TECHNICAL DATA

- Sensor: 1.3 MP, 1280 x 1024
- Magnification: 20x to 220x (maximum 220x)
- Excitation: 620 nm
- Emission filter: long-pass from 650 nm
- Additional lighting: switchable white light
- Interface: USB 2.0
- Polarizer: no

- Weight: approx. 0.105 kg

APPLICATIONS

- Observation of deep-red fluorophores such as mNeptune
- Research in cell and developmental biology
- Fluorescence documentation with measurement

COMPATIBILITY AND CONTENTS

Works with Dino-Lite MS-W1, RK-02 and MS08B stands. DinoCapture and DinoXcope software included. Related Edge fluorescence models cover further excitation and emission ranges.

STANDARDS AND ORIGIN

Made in Taiwan by AnMo Electronics. Customs code 90118000.