

MacroZoom MZ.4700(-HDS)

digital autofocus 4K/1080p

HIGHLIGHTS

- Stand-alone or PC operated
- Sony 1/2.8" 4K/1080P CMOS sensor
18x optical zoom ratio
- Optical zoom factor up to 5.6x
- On-screen magnification from 2.8 to 47x
- 205 - 215 mm Working distance
- Standard LED ring light
- Optional directional LED ring light
- Built-in mouse-driven software
- 2 Years warranty

TECHNICAL SPECIFICATIONS

ZOOM OBJECTIVE

- The 16 elements objective has a 18x zoom ratio and produces magnifications up to 0.56 magnification with a manual or automatic focusing function
- Field of views from 255 x 145 mm (1x zoom) to 14 x 8 mm (18x zoom)
- On-screen magnification 2.8 to 47x @190 mm WD (24" screen)
- Focusing range is between 205 and 225 mm

WD = working distance

CAMERA

- The 8.3 MP camera is equipped with a Sony 1/2.8 inch 4K UHD/1080P CMOS High Definition sensor with high signal-to-noise ratio generating a 3840 x 8160 pixels video streaming up to 60 images per second
- The 4K/UHD signal fits the HDMI input of a HD screen
- Image and video storage is done with a built-in SD card
- Stand-alone or PC operated (ImageFocus Alpha)

BUILT-IN SOFTWARE

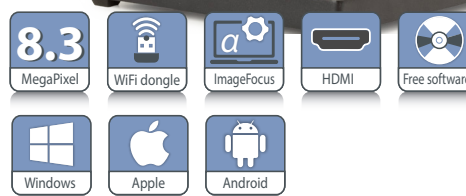
The built-in intuitive software is controlled by the supplied and to the camera connected mouse. It features a camera-, an autofocus control panel and a measurement toolbar

ILLUMINATION

- A standard LED ring light assures a good standard lighting of the sample
- A ring light with 12x 1W, 30° directional LEDs enables very flexible lighting of the sample



● MZ.4700-HDS



MZ.4700

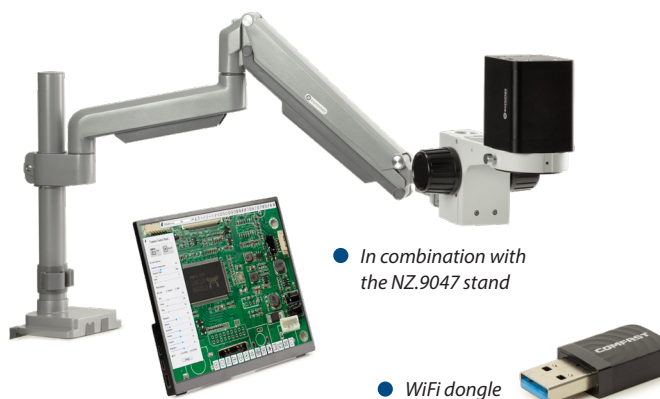
350 (h) x 375 (w) x 250 mm (d) | 5.1 kg

STAND

- The MacroZoom can be mounted on a dedicated rack&pinion stand with or without a dedicated HD screen
- With the 30° directional 12x 1W LED ring light (MZ. 4735,) the MacroZoom (MZ.4705) can also be mounted on the NexusZoom stands

PACKAGE CONTENT

Supplied with a standard ring light, a 32 GB SD card, mouse, WiFi dongle, HDMI cable and external 100-240 Vac / 12Vdc / 3A power supply



● In combination with the NZ.9047 stand

● WiFi dongle

MODELS	Digital AutoFocus MacroZoom	AutoFocus	11 inch HD screen	Standard pillar stand
MZ.4700	•	•		•
MZ.4700-HDS	•	•	•	•
MZ.4705	•	•		

ORDER PRODUCT REFERENCES

- MZ.4700** Stand-alone digital autofocus MacroZoom ⁽¹⁾ with standard ⁽²⁾ stand
- MZ.4700-HDS** Stand-alone digital autofocus MacroZoom ⁽¹⁾ with standard ⁽²⁾ stand and HD screen
- MZ.4705** Stand-alone digital autofocus MacroZoom ⁽¹⁾



● MZ.4705



● MZ.4710



● MZ.4712

ACCESSORIES

- MZ.4710** Standard ⁽²⁾ stand for MZ.4705
- MZ.4712** 11 inch HD screen for MZ.4710 inclusive pillar attachment
- MZ.4730** Standard LED ring light
- MZ.4735** Directional 12 x 1W LEDs ring light ⁽²⁾

⁽¹⁾ Supplied with a standard ring light, a 32 GB SD card, mouse, WiFi dongle, HDMI cable and External 100-240 Vac / 12Vdc / 3A power supply

⁽²⁾ With the MZ.4735 a MZ.4705 can also be mounted on NexiusZoom stands



● MZ.4730



● MZ.4735