



Flexion

The Microscope Family



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	Basic	Advanced	Advanced SensorUnit	twin
Microscope				
Microscope body Basic / Semi APO	✓	o	o	o
Microscope body Advanced / APO	o	✓	o	o
Microscope body Advanced / APO / Sensor Unit	o	o	✓	o
Microscope body twin / blue / APO / SensorUnit	o	o	o	✓ twin blue
Microscope body twin / white / APO / SensorUnit	o	o	o	✓ twin white
Suspension arm with transport lock / integrated micro HDMI cable	✓	✓	✓	✓
Adjustable spot LED diaphragm with knob and cap	o	✓	✓	✓
Adjustable spot blue or white LED diaphragm with knob and cap	o	o	o	✓
2 pcs WF 12.5x eyepiece (± 5 dpt adjustment)	✓	✓	✓	✓
1 pc WF 12.5x eyepiece with reticle (± 5 dpt adjustment)	opt.	opt.	opt.	opt.
Swivel tube 0-200°	✓	✓	✓	✓
Straight tube f'=170 mm APO, IPD 45-80 mm	✓	✓	✓	✓
IPD adjuster for Swivel tube 0-200°	opt.	opt.	opt.	opt.
30° Ergo Optic with beam splitter 50:50	✓	✓	✓	✓
MonoGlobe Movement System	✓	✓	✓	✓
Counter weight for Ergotube	✓	o	o	o
Objectives				
VarioFocus ² / 200-350 mm Plan-APO	✓	✓	✓	✓
VarioFocus ³ / 210-470 mm Plan-APO	opt.			
Focus / 250 mm Plan-APO	opt.	o	o	o
Interchangeable objective protection	✓	✓	o	o
Interchangeable objective protection with hydrophobic coating (HPC)	opt.	opt.	✓	✓
Functions / Filters				
Display for filter visualization / SensorUnit for touchless photo/video	o	o	o	✓
Fluorescence filter (405 nm) for composite, plaque, tartar detection	o	o	o	✓ twin blue
2 nd white LED (5.500 K) for double light boost, up to 200.000 Lux	o	o	o	✓ twin white
Antiglare filter for eliminating light reflections & Natural light filter to extend the curing time of composite materials	o	o	o	✓
Green filter to enhance the contrast of blood and tissue & Orange filter for modelling composite materials	o	o	o	✓
Imaging-Ports				
HD-Imaging-Port / Sony E-mount / APS-C (22x16 mm)	opt.	✓	✓	✓
4K-Imaging-Port / Sony E-mount / FullFrame (36x24 mm)	opt.			
Camera power adapter Sony	o	✓	✓	
Phone-Imaging-Port (included universal holder)	opt.	opt.	opt.	opt.
Phone-Imaging-Port connection adapter (USB-C, USB-micro, lighting)	o	✓	✓	✓
Documentation Accessories				
Universal tablet holder	opt.	opt.	opt.	opt.
Monitor holder with VESA	opt.	opt.	opt.	opt.
Monitor 22" Full HD Dental-Display (IEC 60601)	opt.	opt.	opt.	opt.
Mounting System				
Mobile / Ceiling / Ground / Wall / Dental Unit (optional)	✓	✓	✓	✓
Electronics				
Swivel arm Advanced / HDMI, 24V	✓	opt.	opt.	o
Swivel arm Advanced / HDMI, 24V, USB	o	✓	✓	✓