

Handheld Fiber Inspection Microscope Comparison

Revision 4 (7 Oct 2015)

Specification	Meaning	KI 6610	AFL NOYES OFS 300	Lumen x200
				
Magnification		x200	x200	x200
Optical Magnification option	Bold is better	x400	No	x400
Eye Safety Filter for VFL	Bold is better	Yes	No	No
Eye Safety Filter for IR		Yes	Yes	Yes
Easy check IR Filter presence	Bold is better	Yes	No	No
Max eye safe input limits: 635 ~ 800 nm: +20 dBm	Bold is better	Yes	Not specified	Not specified
Useful safety Labeling	Bold is better	Yes	No	No
Illumination	Bold is better	1) Coaxial; 2) Oblique; 3) Core illumination	Coaxial	1) Coaxial; 2) Core illumination
Stabilised illumination	Bold is better	Yes	No	No
Easy XY-alignment image centring	Bold is better	Yes On the microscope	No	No
2.5 & 1.25 mm, PC / APC connector adaptors to fit both simplex and duplex connectors	Bold is better	Yes	No	No
Adaptor mount		Universal, thread-on	Universal, thread-on	Universal, thread-on
Adaptor converter for various scope connector adaptors, includes MPO/MTP, MTRJ, OptiTap etc.	Bold is better	Yes	No	No
Battery		1 AAA battery	2 x AA batteries	3 AAA batteries
Battery life	Bold is better	300 hrs for coaxial illumination	60 hrs	30 hrs
External power	Bold is better	Yes, via micro-USB	No	No

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Low battery indicator	Bold is better	Yes	Yes	No
Illumination timer	Bold is better	Yes	No	No
Microscope damage power level	Bold is better	+30 dBm	Not specified	Not specified
Dimensions	Bold is better	225 x 40 mm / 8.9" x 1.6"	130 x 200 mm / 5.1 x 7.9"	225 x 50 mm / 8.9" x 2.0"
Weight	Bold is better	0.3 kg / 0.7 lb	0.67 kg / 1.5 lb	0.5 kg / 1.1 lb
Tripod mount	Bold is better	Yes	Yes	No
Wrist strap mount	Bold is better	Yes	Yes	No
Operating temperature	Bold is better	-15 to 55°C	0 to +50 °C	Not specified
Storage temperature	Bold is better	-25 to 70°C	-20 to +50 °C	Not specified
Standard warranty	Bold is better	3 years	1 year	1 year
<u>Low cost adaptor kit option:</u> Include: 2.5 mm Universal APC, 1.25mm Universal, 1.25 mm Universal APC & adaptor converter to 7/8 UN-28 TPI female	Bold is better	Yes	No	No
Standard accessories	More is better	Soft pouch, 1 AAA Battery, Scope adaptor 2.5 mm Universal, User guide, USB A-to-micro B cable, Wrist strap	2 x AA batteries, neck strap, 2.5 mm universal adapter cap, user guide	2.5 mm universal adaptor, carrying case, user guide
Country of origin		Australia	USA	China

Disclaimer: This comparison is based on our interpretation of published documentation.