

NEW

RDF MMS Illuminator

Reflected Dark Field Modular Microscopy Illuminator



- + Dedicated RDF LED illumination source allows simultaneous Bright Field/Dark Field illumination or fast switching between them
- + Ten times greater object of interest detectability, at the sub-micron level, over conventional RDF illumination techniques
- + Compatible with single-objective and multi-objective WDI MMS Modular Microscope Systems
- + Dedicated PFABUS™ COB controller, providing power and controls for intensity, timing, and mode of operation
- + Several modes of operation including DC (Direct Current), Pulse Width Modulation (PWM) along with two external trigger modes (Pulse Follow and Pulse Trigger)



is a world leader in the design, manufacture and integration of OEM and complete microscopy automation solutions for the biomedical, metrology, electronics, semiconductor, and flat panel display markets.

ILL-DF SPECIFICATIONS

	Parameter	Value
Illuminator (ILL-DF)	Radiometric Flux on Output	120 mW
	Correlated Colour Temperature	5000 K
	Optical Rise Time (30 cm Cable)	1 μ s
	Optical Fall Time (30 cm Cable)	1 μ s
	Minimum Pulse Width	10 μ s
	Trigger to Optical Pulse Latency	550 ns
	Objective Compatibility	Mitutoyo BD Plan APO/BD Plan APO HR
	Compliance	Clean Room Class 100 SEMI and CE



Single-Objective System

WDI High Resolution MMS with PFA Autofocus Sensor, Z Axis Actuator, 1.5Amp BF Illuminator and New DF Illuminator



Multi-Objective System

WDI High Resolution MMS with PFA Autofocus Sensor, Z Axis Actuator, 3 Objective BF/DF Linear Lens Changer, 1.5Amp BF Illuminator and New DF Illuminator



WDI is a world leader in the design, manufacture, and integration of OEM and complete microscopy automation solutions for the biomedical, metrology, electronics, semiconductor, and flat panel display markets. WDI's success lies in an innovative culture and ability to optimize and adapt our technology to customers' specific requirements by listening to their needs and gaining a deep understanding of their processes, applications and goals. WDI employs over 30 optical, electrical, mechanical and software engineers, as well as scientists, who are dedicated to servicing our customers. Contact WDI today to see how we can help solve your microscopy automation needs.

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