

DM-3115

Digital Microscope



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

ATL DM-3115 is a 'far' working distance USB 3.0 model providing uncompressed viewing to deliver exceptional sharpness, improved color accuracy and image quality designed to provide the farthest available working distance with a magnification range of 1x - 70x. By using USB 3.0 the DM-3115 is capable of providing 45FPS at 1280 x 960 resolution. The far working distance impressively offers minimum 115mm viewing distance with maximum 70x magnification.

This model also includes the popular Edge Series feature Flexible LED Control (FLC) which enables partial illumination to enhance edge contrast and provides intensity adjustment for better adaptability, interchangeable front caps, and rugged metal housing.

►► Highlights



10x - 70x

Optical magnification power



2560 x 1920 pixels

Capture in full detail with resolution up to 2560 x 1920 pixels



USB 3.0

Simple setup



Windows and Mac

Compatible with Windows 7, 8, 10 & Mac OS 10.5+ including 32-bit and 64-bit systems.



Annotate & Measure

Use simple tools to draw lines, shapes, and text on the image. Calibrate and measure lines, circles, angles & more.



Flexible LED Control

Additional LED controls within the included software for adjusting LED brightness and on/off toggle by quadrant.



Two-year warranty & free tech support

All ATL microscopes feature a two-year warranty and include free U.S. based tech support for the life of the product.



Language options

Software interface defaults to English and can be changed to any of 25 additional translations.



Barcode reader

Software feature to use camera for reading from QR codes and over 20 other types of barcodes.



Many more

See the complete specifications below.

►► Specifications

LEDs	White (8)
Polarization	No
Dimensions	11.9cm (L) x 3.3cm (D)
Weight	110g (3.88oz)
Cable Length	182cm (71.65 in)
Magnification Range	10x - 70x
Working Distance	Far
Lens Type	Glass
Megapixels	5 MP
Sensor Type	CMOS
Resolution	2560 x 1920 pixels
Frame Rate (max)	45 FPS
Image Save Formats (Windows)	BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX
Video Save Formats (Windows)	WMV, FLV, SWF
Operating System	Windows 7, 8, 10, Mac OS 10.9+
Included Software	DinoCapture 2.0 (Windows)
Imaging Standards	UVC
Flexible LED Control	Yes
Measurement	Yes
Automatic Magnification Reading	No
Extended Depth of Field	No
Enhanced Dynamic Range	No
Magnification Lock	Yes
Body Material	Aluminum Alloy
Microtouch Sensor	Yes
Package Includes	Microscope, Software CD, Edge Calibration Target, USB
Warranty Period	2 years

►► Charts

Working distance & field of view mm

Magnification	10	20	30	40	50	60	70
Working Distance	480	263	186	152	132	121	115
Field of View	39.0 x 31.2	19.5 x 15.6	13.0 x 10.4	9.8 x 7.8	7.8 x 6.2	6.5 x 5.2	5.6 x 4.5
Depth of Field	10.6	4.85	1.85	1.24	0.93	0.73	0.53

Working distance & field of view inch

Magnification	10	20	30	40	50	60	70
Working Distance	18.898	10.354	7.323	5.984	5.197	4.764	4.528
Field of View	1.535 x 1.228	0.768 x 0.614	0.512 x 0.409	0.386 x 0.307	0.307 x 0.244	0.256 x 0.205	0.220 x 0.177
Depth of Field	0.417	0.191	0.073	0.049	0.037	0.029	0.021

►► In the box



Microscope & cables

All necessary cables are included.

USB models are powered by the USB connection, analog (direct to monitor) models include a power adaptor cable.



Software & drivers CD

A CD containing all necessary software and drivers to use the device. For computers without a CD drive, the software can be downloaded from the ATL website.



Calibration target

A target to be used for calibrating measurements.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

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Double Beam



Infra FTIR



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Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



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Chromatograph



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Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



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Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

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2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

Reach us @



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