Model
AD-3713TB Premier

- Dino-Lite Stroboscope
- UVC, Linux Compatible
- 60 frames /sec
- 0.3M / Resolution 640x480
- 10X~220X Magnification range (dependant on WD)
- Interchangeable nozzle features
- USB 2.0 Output
- LED on/off controlled by software
- Measurement with calibration

Product Applications

The AD3713TB stroboscope is the Dino-Lite "Premier" series handheld digital microscope with a built-in LED pulsed light strobing feature. The AD3713TB maintains a refresh rate of 60fps under all conditions whether strobe mode is on or off, as well as throughout the variable magnification range of 10X-220X. The user has the versatility of using the scope in strobe mode, white light (non-strobe) or "lights off" mode.

The stroboscopic effect created by the built-in fixed pulsation lighting allows for improved video and still image capture capability which makes the AD3713TB ideal for use in the observation and study of rapidly moving, oscillating or rotating objects/specimens by, seemingly, slowing things down and reducing blurring of the image, especially while under magnification. The AD3713TB can be used in a variety of industrial, scientific and educational applications including; machine vision inspection (production/assembly line, packaging, QA, etc.), engineering (general motion analysis, etc.) scientific observation and analysis (live specimen and other), performance demonstration, as well as a host of others.

AD3713TB comes with dinocapture 2.0,etc….real time annotation and measurement, image capture, etc. many other standard sw features at no extra charge, etc.

General Features:

- Resolution: 640x480pixels
- Interface: USB 2.0
- Magnification: 10~220X Variable Magnification

Technical Specifications:

- Resolution: 640x480pixels

- Interface: USB 2.0
- UVC, Linux Compatible
- Magnification:10~220X Variable Magnification
- Sensor: Enhanced Color CMOS
- Video frame Rate: up to 60 frame-per-second
- Illumination: built-in 8 white LED's
- LED on/off controlled by software
- Save File format: BMP, JPG, AVI
- Compatible WindowsXP, Vista,7 and MAC OS 20.4 and greater
- Measurement features

Microscope Dimensions and Weight:

- Body length: 4 inches / 10.2 cm
- Body Diameter: 1.26 inches / 3.2cm max.
- Cable length: 6 feet / 180 cm

Mechanical Layout:

- Body with USB cable: 95g +/- 10g
- Total package weight: 280g +/- 20g (not including manual)

Regulatory Approvals:

- CE, FCC, ROHS

Package includes:

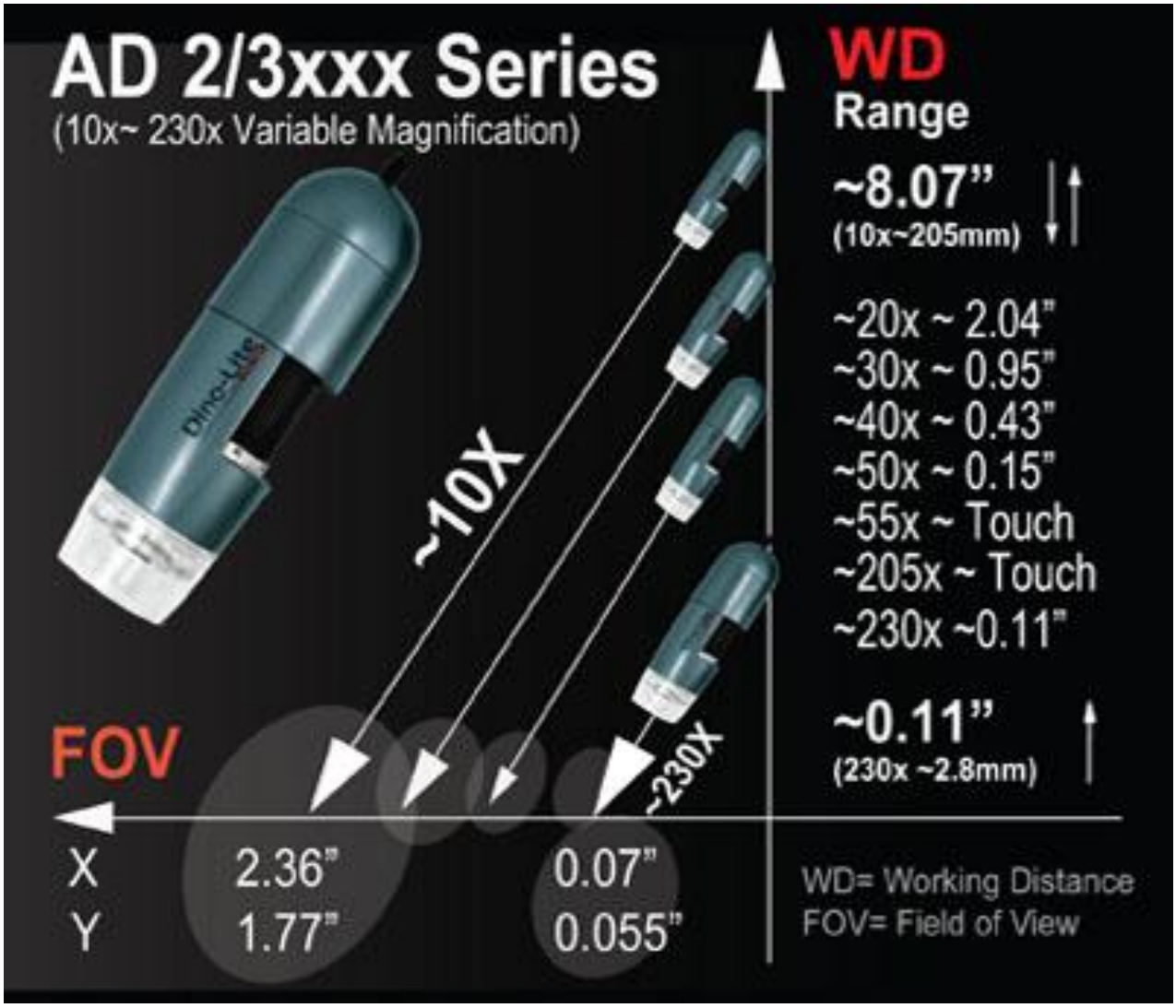
- DinoLite digital microscope
- Application Software CD
- FC-OC1 Standard open faced nozzle
- Deluxe storage bag

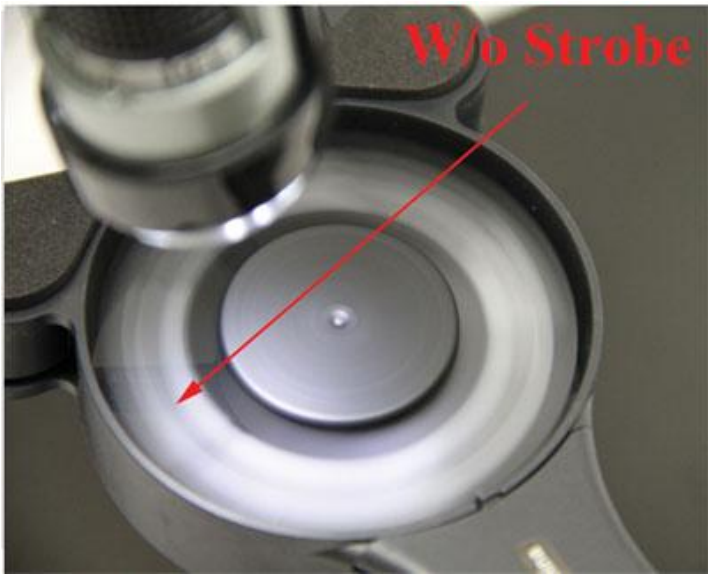
Options:

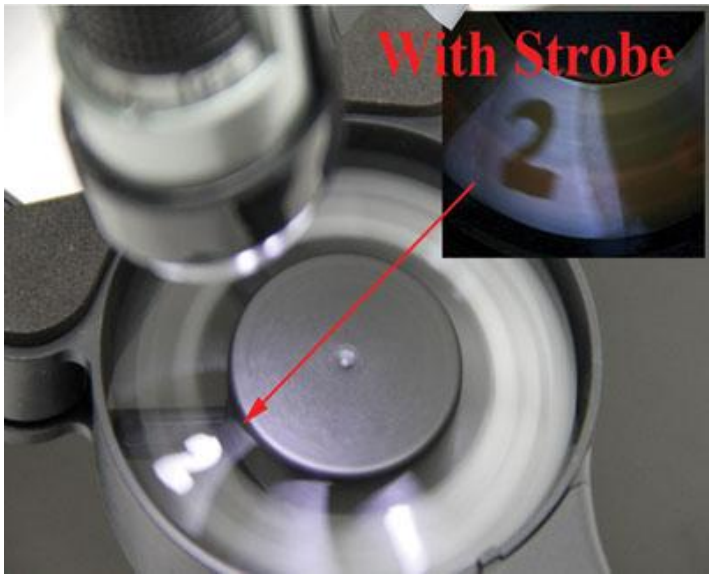
- Table top stand MS35B, 36B are recommended
- Articulating desktop stand MS22B, MS52B, MS72B
- USB 6 feet Extension cable

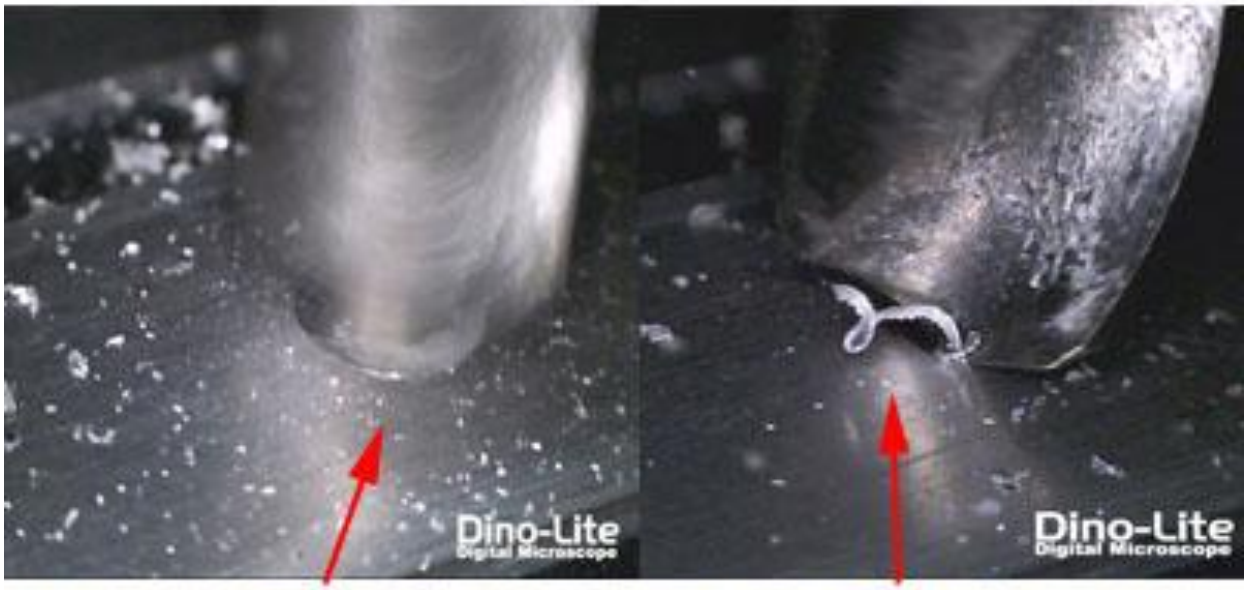
Product Requirements:

- Intel Pentium 4 2.4GHz processor or faster
- WindowsXP, Vista,7 and MAC OS 10.4 and greater
- 512 MB RAM
- CD-ROM drive
- 16-bit color display monitor or higher
- Available Hi-speed USB 2.0 Port


AD 2/3xxx Series
(10x~ 230x Variable Magnification)
WD
Range
~8.07"
(10x~205mm)
~20x ~ 2.04"
~30x ~ 0.95"
~40x ~ 0.43"
~50x ~ 0.15"
~55x ~ Touch
~205x ~ Touch
~230x ~0.11"
~0.11"
(230x ~2.8mm)
~10X
~230X
FOV
X 2.36" 0.07"
Y 1.77" 0.055"
WD= Working Distance
FOV= Field of View


W/o Strobe


With Strobe



Picture without strobe **w/AD3613TB Stroboscope**