

# TOBIAS ASSOCIATES, INC.

## Digital Mobile Magnifier/Microscope



MicroDot has been developed to allow halftone data to be viewed and measured on your PC for enhance control, measurement and comparison using professional software analysis tools with a high-quality, hand-held digital microscope.

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### Features:

- Easy to install software runs on any PC
- Calculates screen ruling, % dot values, and screen angles
- Save image for future reference
- Plate color selection for optimum accuracy
- Built-in screen for instant targeting and viewing
- USB connection to PC for instant analysis, % dot and image plus “stop/go” graph
- Portable, lightweight and rechargeable battery via USB

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[www.densitometer.com](http://www.densitometer.com)

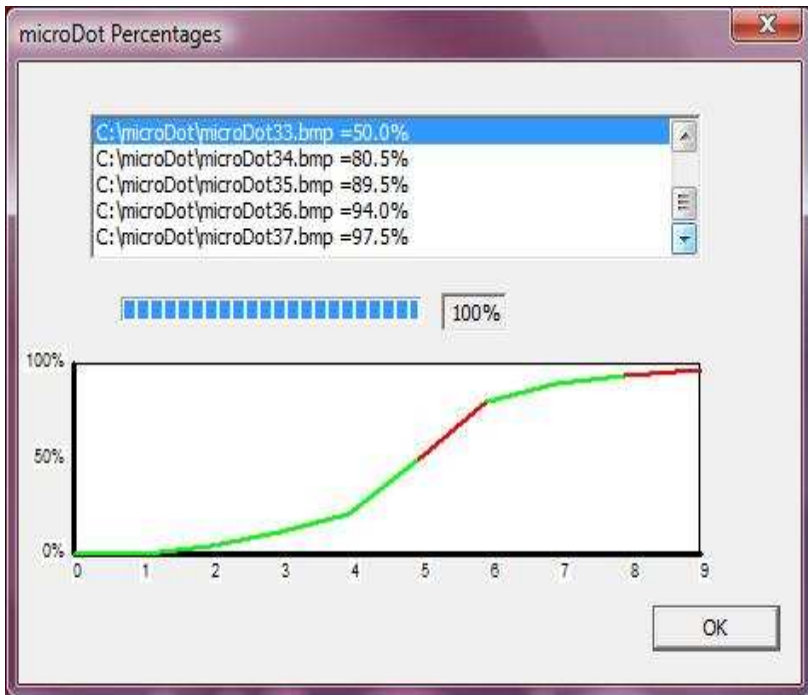
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## Specifications...

Sensor element..... 300,000 pixels CMOS  
Lens ..... High sensitivity  
Auxiliary light..... White LED x 4 super high brightness  
LED Screen ..... 1.8in TFT color LCD  
Memory..... 2MB Data Flash; 1000+ “dot” images  
Read speed ..... <1 sec.  
Connection..... USB 2.0, DC in terminal (mini USB)  
Magnifying power..... Optical zoom 1-7x and 27x  
Transfer storage ..... 1000+ images  
Manual/auto software calibration..... (PC) Microns; cm; mm; pixels  
Power..... 3xAAA rechargeable batteries  
Size..... 120 x 56 x 25mm  
Weight..... Approx. 70gm (excl. batteries)  
Operating system..... (PC) Windows XP®, Vista® and Windows 7®  
Dot reading range ..... Halftone dots 65-300 lpi/Stochastic from 6 microns  
Accuracy ..... +/- 1% (mid tones)  
Repeatability..... +/- 1% (mid tones)  
Optical range ..... 3mm x 3mm aperture  
User interface ..... Display of captured image



The unique “Stop/Go” graphical display gives a visual and audio check against a standard to ensure all of the readings match the specifications that were set.



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