

Operating Instructions LM-Scope Digital Adapter



	<p>Screw the LM Digital Adapter to your camera filter thread. If your camera has no filter thread, then note the enclosed operating instructions of the LM universal filter adapter (DFA) first.</p>
	<ol style="list-style-type: none"> 1. C-mount type: Screw the entire unit (LM digital adapter and camera) onto your microscope 2. Barrel type: Insert the entire unit (LM digital adapter and camera) into the microscope tube.
	<p>To avoid motion blurring, you should, if available, use a remote control release. Otherwise you can also use the digital camera's self-timer function.</p>
	<p>Switch on the digital camera.</p>
	<p>Set the camera to the infinity mode. Only for Nikon Coolpix 5000: Before capturing the image, switch from infinity mode to auto focus mode.</p>
	<p>Disable the auto flash mode.</p>
	<p>Now swivel in the 10x microscope lens. Using the observation tube, focus the image visually by means of the microscope focus control</p>
	<p>The digital camera should work with the largest possible aperture. The following options are available for this:</p> <ol style="list-style-type: none"> 1. Adjustment of the lamp brightness 2. Use of neutral grey filters <p>To avoid vignetting (peripheral darkening) through the sector shutter of the digital camera or video camera, this must not be visible on the LCD monitor. The colour temperature may be balanced using the blue filter or with the digital camera's manual white balance.</p>
	<p>Adjust your digital camera to the required optical zoom, or if necessary, to a slight digital zoom, until you can no longer see any vignetting.</p>
	<p>You can now focus the microscope image on the external monitor or on the inbuilt LCD screen using the microscope focus control. Finally, trigger the exposure.</p>