





## Optical inspection and measuring systems

### Measuring microscope series 2034 – checking on the move

Order-no.	Specification	Price in €
<b>PM-2034</b> 	Measuring microscope series 2034 for checking on the move. Technical data and specification: Objectives with 2x to 30x magnification are available for the standard microscope. The measuring scales for each respective magnification (objective) in the eyepiece can be exchanged. Illumination from the side permits measurement on dark surfaces or in dark rooms.	
<b>PM-2034-20</b>	<b>Measuring microscope (20x) scale 0,1 mm</b>	<b>300,00</b>
<b>PM-2034-40</b>	<b>Measuring microscope (40x) scale 0,05 mm</b>	<b>300,00</b>
<b>PM-2034-60</b>	<b>Measuring microscope (60x) scale 0,02 mm</b>	<b>325,00</b>
<b>PM-2034-100</b>	<b>Measuring microscope (100x) scale 0,01 mm</b>	<b>325,00</b>
<b>PM-2034-CIL-300-ZX</b>  fixed stand on flat material  and on cylinder and rolls	Measuring microscope PM-2034-CIL-300Z for mobile depth measurement: Technical data and specification: The coaxial travel with permits exact selection of the fine focusing planes. With the standard 30x objective, which corresponds to a magnification of 300x, you obtain shallower depth of field which is necessary for precision work. The smallest increment and the digital gauge is 1µm. The stand MST allows a good stand on flat materials, round objects or curved surface. To save the surface the supporting roller is coated with a silicone-free hose. The PM-2034-CIL-300Z is available with PM-MST, sidewise and coaxial illumination and 300x magnification. A backfitting with CCD camera and measuring software Metric is possible.	<b>3.100,00</b>
<b>PM-2034-CIL-300-ZX</b>	Like above but with X-adjustment 5 mm on cylinders	<b>3.400,00</b>

**Système avec caméra CCD**

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<p><b>PM-CIL-USB</b></p> 	<p>The PM-Cellcheck CIL system for checking and inspecting reflective surfaces. Owing to the coaxial light there's no irritating reflection which might lead to misinterpretation and wrong measurement.</p> <p>The Cellcheck CIL is always supplied with the MST stand which has proven particularly stable on flat materials and rollers.</p> <p>The delivery carried out in a stabil aluminium case plus CCD-Color camera; sidewise and coaxial illumination; 2x, 4x, 6x and 10x objective; stand MST</p>   <p>Flexo plates with and without coaxial illumination      Roller gravure without and with coaxial illumination</p>	<p><b>3.590,00</b></p>
<p><b>PM-CIL-CCD</b></p>	<p>Like above but with CCD camera</p>	<p><b>2.590,00</b></p>
<p><b>PM-CILC-USB-ZX</b></p> 	<p>The PM-Cellcheck CIL-Z is the PM-CILC-MST system, extended on a digital depth gauge with <math>\mu\text{m}</math>-resolution, for the non-contact measurement of the depth of drill holes.</p>  <p>Laser drilling on circuit boards      Detail</p> <p>The delivery carried out in a stabil aluminium case plus CCD-Color camera; sidewise and coaxial illumination; 2x, 4x, 6x, 10x, 15x, 20x and 30x objective; stand MST and digital depth gauge</p> <p>The system can be upgraded with the Metric software to evaluate the measurement on a PC</p>	<p><b>5.990,00</b></p>
<p><b>PM-CILC-MST-ZX</b></p>	<p>Like above but with X-adjustment of 5mm</p>	<p><b>4.990,00</b></p>