

Depthscope

The P879 is a portable microscope for measuring depth/thickness and size of objects. The combination of a depth measuring vernier and calibrated eyepiece reticle makes this a versatile tool for the workshop, QC lab, or field. Operator training is minimal so the instrument can be used on-line, at-line or in the laboratory.

Built entirely of metal and with quality glass optics the microscope is robust and precision engineered to meet the rigours of continuous use in a variety of environments. A battery-powered light provides through the lens illumination of the specimen surface.

Applications are numerous and include; measurement of photographic film thickness, depth of coatings, pits and scratches, depth of blind cavities, cracks in materials, solder thickness, silk screen ink coating, machined surfaces, surface corrosion, indentations, paint thickness, etc.

Specification:

Magnification	200x
Vernier	Direct reading to 0.1 .mm (10 μ)
Vernier repeatability	Within 0.002mm (2 μ)
Estimations	To 0.005mm (5 μ) or better using interpretation of scale
Eyepiece scale	0.5mm in 0.005mm (5 μ) divisions
Batteries	2 x C type
Height	250mm
Supplied in wooden case	

How to use the P879:

The microscope is placed on the area of interest and focussed on one surface, the vernier datum mark is set to zero and locked in place. The focus is then adjusted to the second surface and the separation is read directly from the vernier scale.



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