



Power Pak 100 (# 39487) **Specification Sheet**



3X Barlow & Aplanat

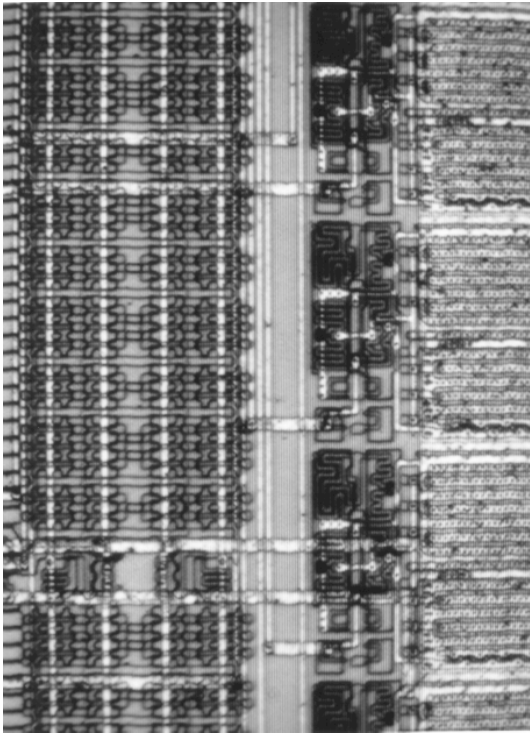
PowerPak 100 is specifically designed to increase the resolution and magnifying power of the QM 100 long distance microscope.

With the addition of the package's aplanat lens attachment, sub-micron characteristics are observable at a working distance of 10 centimeters. To overcome the limitations of CCD pixel technology or to just get a better look visually, the PowerPak 100 package also includes a Questar designed 3X magnifying lens. Fields of view ranging down to 250 microns are possible.

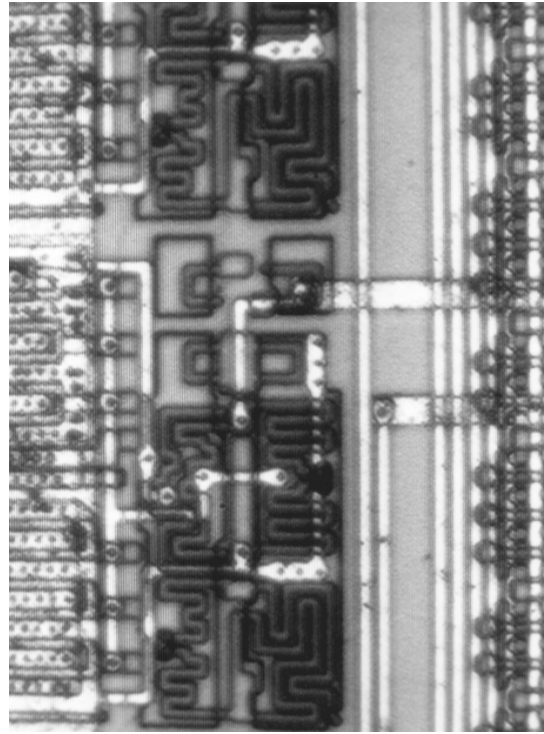
Include the PowerPak 100 package with your newly purchased QM 100 or order it as an addition to your current instrument.

Specifications:

Weight aplanat:	4.75 ounces
Weight 3X lens:	Less than 1 ounce
Theoretical resolution:	550 lp/mm @ 546.1nm
Empirical resolution:	Better than 500 lp/mm (test chart limited)
Numerical aperture:	0.185 @ 10cm
Objective magnification:	8.1X
Working distance:	9-11 centimeters
Dimensions:	Ø 7.5cm x 1.7cm



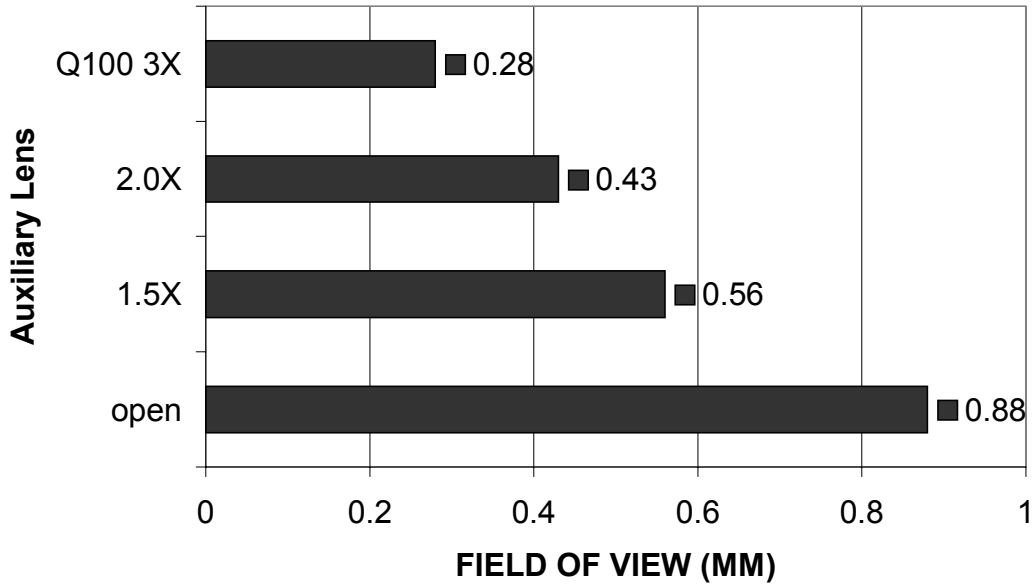
FOV: 340 x 250 microns



FOV: 720 x 550 microns

Etched Wafer Segment

Fields of View Using Questar QM100 and Aplanat Lens with Auxiliary Lenses (using 2/3" format camera)



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