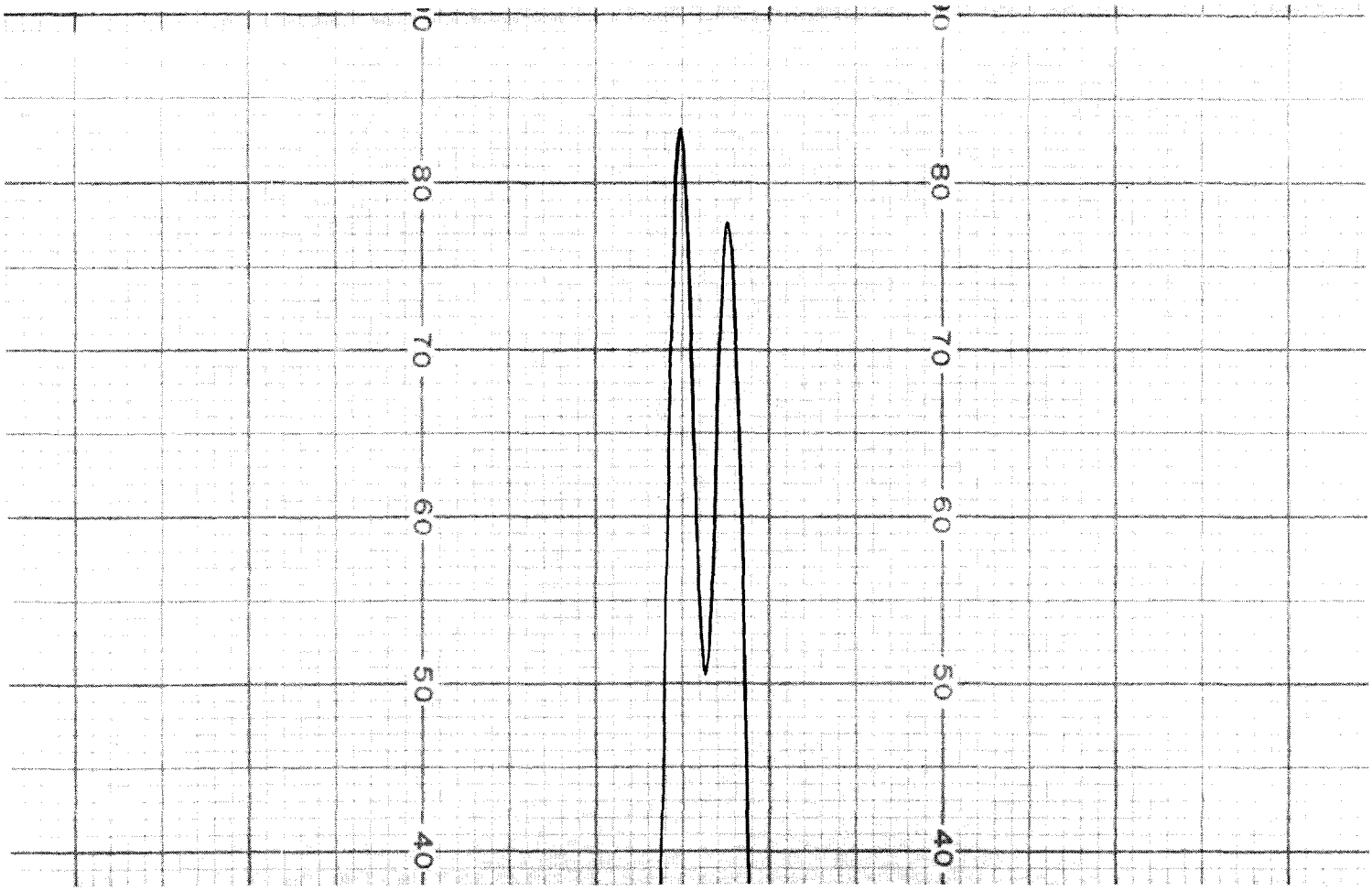

Since the sodium doublet falls at the most compressed point of the spectrum, isn't it impossible to split it with a single prism spectrophotometer? Indeed it is, with one exception—the Zeiss Spectrophotometer PMQ II. Above is an actual PMQ II resolution of the most demanding doublet. Distance between peaks is approximately 6 Å.

You're looking at an impossibility

It goes without saying that the Zeiss Spectrophotometer PMQ II (185 mμ-2500 mμ range) has greater resolving power than any other single prism instrument. The "impossible" proof is at the top of this page.

Here are three other impossibilities made possible by the PMQ II: (1) it reproduces any slit setting within .2 microns, (2) its true wavelength setting remains constant at all times, (3) it changes over from one to any other type of measurement (flame, fluorescence, chromatogram, absorption) in approximately 30 seconds —— much faster than other spectrophotometers.

For complete information, write Carl Zeiss Inc., 444 Fifth Ave., New York, N.Y. 10018. Complete service facilities available. **Dept. AC**

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