



CH stretching vibrations in an infrared spectrum. Vibrations caused by olefinic, aromatic, and aliphatic CH-groups are all clearly separated. (Model 237).

LOW-COST

SPECTROPHOTOMETERS

137 UV
190 — 750 m μ
 Fully automatic recording ultraviolet spectrophotometer, 60° quartz prism, double-beam instrument, optical null. Two light sources: hydrogen and tungsten lamp. Two wavelength ranges: 190–390 millimicrons in the ultraviolet, 350–750 millimicrons in the visible range. Recording linear in wavelength and linear in absorbance. Provides highest ultraviolet resolution and photometric precision in its class.

137 — G
0.83 — 7.65 μ
 Fully automatic recording grating spectrophotometer, filter-grating monochromator with two gratings in sequence, double-beam instrument, optical null, two wavelength ranges. Provides high resolution in the near infrared range (0.83 microns to 7.65 microns).

237
4000 — 625 cm $^{-1}$
(2.5 — 16 μ)
 Fully automatic recording spectrophotometer, filter-grating monochromator with two gratings in sequence, double-beam instrument, optical null, two wavelength ranges. High resolution performance from 2.5 to 16 microns (4000–625 wavenumbers).

137 NaCl
2.5 — 15 μ
 Fully automatic recording spectrophotometer for the NaCl range. NaCl prisms monochromator, double-beam instrument, optical null. Scans the fundamental infrared spectrum from 2.5 microns to 15 microns — the spectral region of significance in practically all analyses involving organic chemicals. The lowest-priced recording infrared spectrophotometer.

137 KBr
12.5 — 25 μ
 Fully automatic recording spectrophotometer for the KBr range. KBr prism monochromator, double-beam instrument, optical null. Preferred as additional instrument for providing analytical data to 25 microns.

PERKIN-ELMER

Perkin - Elmer AG
 Dufourstr. 90, Zürich, Switzerland