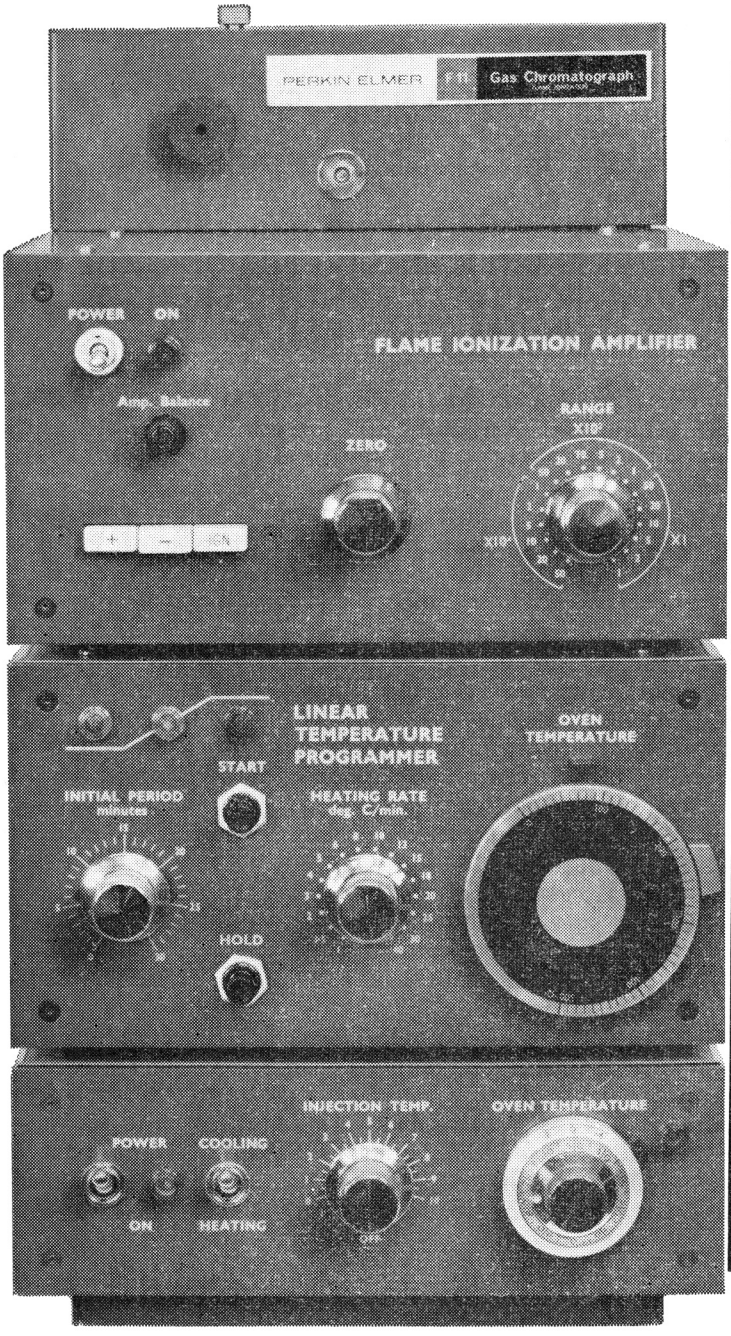
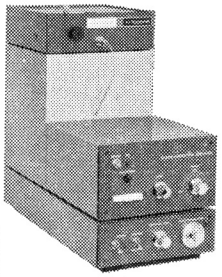
F11–A new

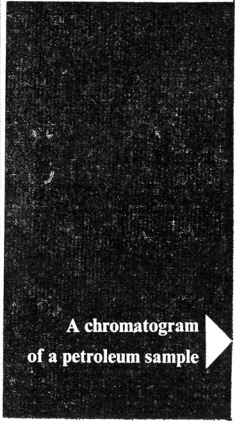




Already famous for their high performance, quality built, large gas chromatographs, Perkin-Elmer now complement this range with a compact instrument at an attractive price. Known as the Model F11, it is in fact a whole series of instruments based on a radically new design*, which enables new developments to be incorporated as they become available. Look at these features:

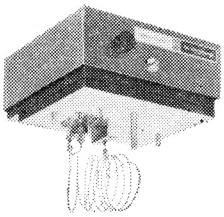
Modern design
Top performance
Flexible operation
Real economy
Available now

**U.K. registered design 913,264*

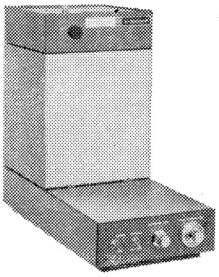


A chromatogram of a petroleum sample

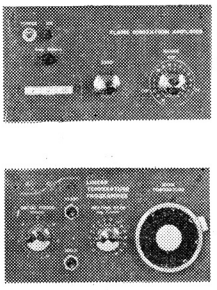
concept in gas chromatography



A striking feature on which the whole F11 concept is based is the interchangeable Analyzer Unit. This assembly forms the lid of an open-topped oven and contains the whole chromatographic system—injection block, column and detector. Two versions are currently available, one for $\frac{1}{8}$ inch packed columns and one for capillary columns. Each is fitted with a high sensitivity flame ionization detector, which is now firmly established as best for most applications of gas chromatography.

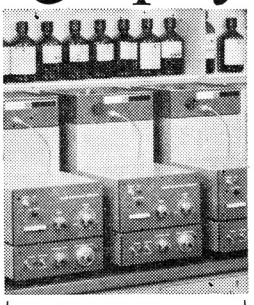


Simplicity of operation and modern design are the hallmark of Perkin-Elmer instrumentation, and never more so than in the Precision Oven of the F11. Any temperature up to 500°C can be set on a single multiturn dial reading directly in degrees Centigrade. Heating and cooling are extremely rapid due to the minimum thermal mass and rapid air circulation. This ability to change temperature rapidly and precisely is invaluable for versatile operation—essential for temperature programming.

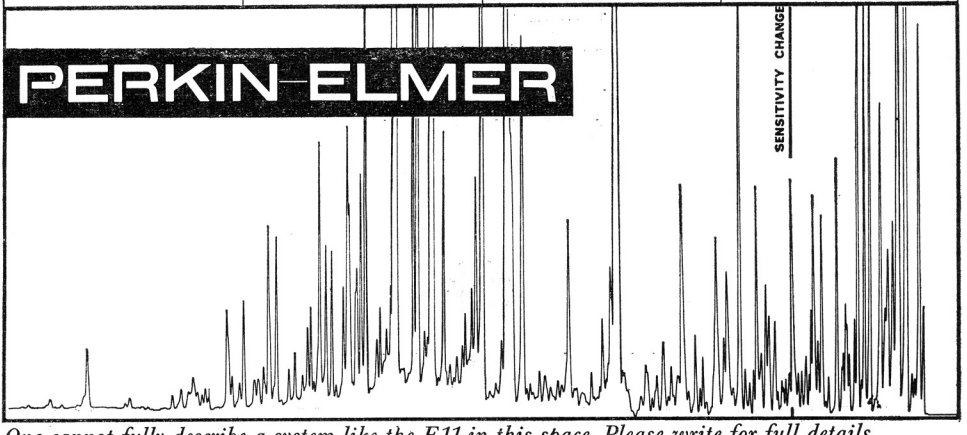


A self-contained Amplifier is all that need be added to the Oven and Analyzer Unit to give a top-class isothermal instrument. Solid state electronics make for reliability, robustness and drift-free operation, even at high sensitivity.

The fully proportional temperature control system of the oven can be driven by a compact plug-in Linear Temperature Programmer This gives sixteen linear, reproducible heating rates, varying from 1 to 40 degrees C/minute, and allows the actual temperature to be read at any time.



The Model F11 is eminently practical in use, with a minimum of controls, all cleverly designed and placed to make for fast and fool-proof working. It is neat and small, only $9\frac{1}{4}$ inches (23.5 cm) wide, and takes up less than 2 feet (60 cm) of bench space even with recorder. This makes it the ideal instrument for multiple unit operation, giving the maximum analytical output with the minimum of equipment and personnel.



One cannot fully describe a system like the F11 in this space. Please write for full details.

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