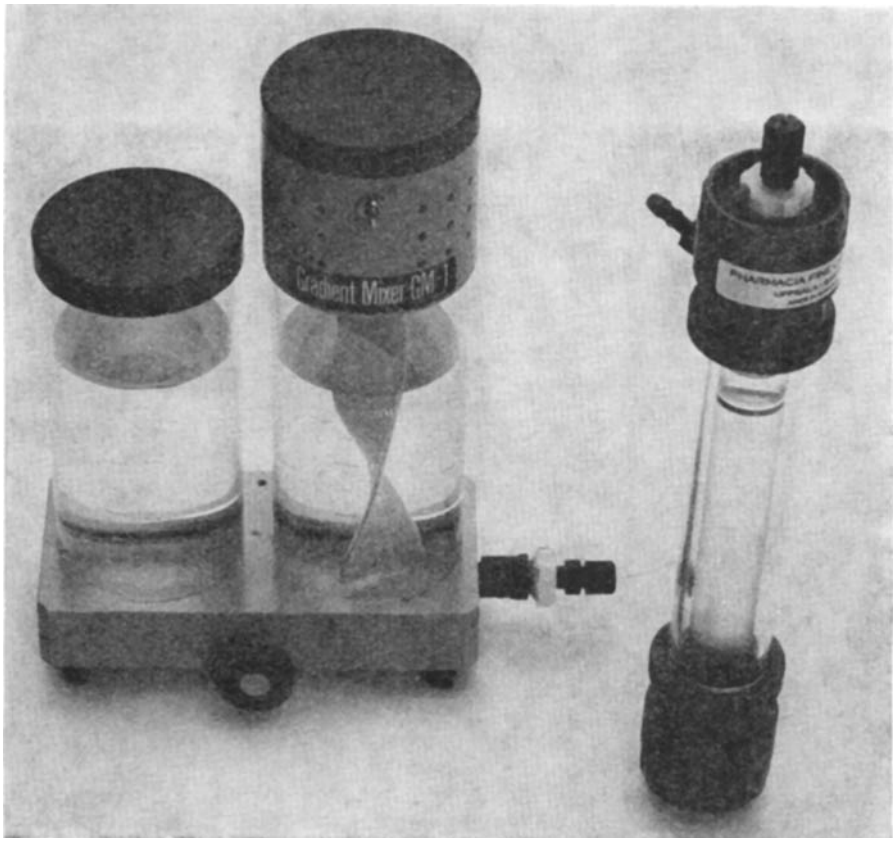

Which?

Ion Exchanger • Column • Gradient Mixer

SEPHADEX® ION-EXCHANGERS
Two anion exchangers and two cation exchangers cover the whole range pH 2—12. High capacities for proteins, polynucleotides and other biopolymers MW 1000—200,000 are ensured as each ion-exchanger type is available in two porosities. 1 gram protein can be fractionated on a 30 ml bed of DEAE-Sephadex A-50 using only 10 % of its available capacity.

PHARMACIA COLUMNS
Fast separations using columns of the K15 and K16 series exploit to the full the high capacities and superior resolution of Sephadex ion-exchangers. Columns K 16/20 and K 15/30 are particularly suitable for bed volumes up to 40 or 50 ml. Thermostat jacket and flow control valve are standard on the K16 columns.

PHARMACIA GRADIENT MIXER GM-1
The prime requirement for the production of linear ionic strength gradients is efficient mixing of the components of the gradient. In the Pharmacia *Gradient Mixer* GM-1 this is achieved by a blade configuration which lifts the dense incoming solution from the bottom of the mixing chamber and distributes it evenly throughout the whole eluant at a low stirring speed. Gradients in aqueous and most organic solvents can be formed with the GM-1.

Used together, Sephadex ion-exchangers and apparatus from Pharmacia Fine Chemicals provide practical chromatographic systems capable of the highest resolution in the ion-exchange chromatography of biopolymers.

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