



Flash Chromatography: Flash Chromatography, Model CombiFlash Rf+, TELEDYNE ISCO, USA. Overall Dimensions: 61 x 36 x 43 cm. Weight: 24.5 Kg. Power options: Input voltage range from 100 to 240 VAC, 50/60 Hz, 2.0 Amps maximum. Ambient Temperature: 20 to 40 °C (maximum temperature must be at least 15 °C below the boiling point of the solvent). Humidity: 95% maximum. Flow Rate Range: 1 to 200 mL/min. Flow Rate Accuracy: $\pm 5\%$. Pressure Limit: Up to 1379 kPa (200 psi). Pressure Accuracy: 5% of full scale. Gradient formation: Binary gradient from 1,2, and 3,4 solvent inlets. Solvent selection can be automatically controlled by the method. Gradient Accuracy: $\pm 1\%$ of full scale. Peak Detection Modes: Slope or threshold. Flow Cell Pathlength: 0.1 mm. UV Detection Wavelength: 200 to 800 nm. Wavelength Accuracy: ± 5 nm. Fractional Accuracy: $\pm [2 \text{ mL} + (\text{flow rate} \div 60)]$.