

PL-GPC 220

Technical Specifications

Component	Parameters	Specification
Pump	Flow range Flow rate precision	0.1 - 5.0 mL/min <0.07%
Oven	Temperature range Temperature stability Column capacity	30 - 220 °C <0.05 °C/h 6 x 300 mm columns
Refractive index detector	Differential refractometer Cell volume Sensitivity* Noise* Drift* Wavelength	Deflection 8 µL 2 x 10 ⁷ RIU/mV ≤80 µV (≤1.6 x 10 ⁸ RIU) ≤10 mV/h (≤3 x 10 ⁻⁶ RIU/h) 890 ± 50 nm
Autosampler	Carousel Injection volume Precision*	40 x 2 mL vials Flushed fixed loop, 5-500 µL ≤1 %
Instrument control		Microprocessor
Instrument interface control		MS Windows® 2000 based advanced PC
General	Power requirements	230 V AC (± 10%) 50/60 Hz, 15 A
Size (w x d x h) Packaged size (w x d x h) Weight		1260 x 540 x 580 mm 2 boxes, 965 x 665 x 820 mm 180 kg, 368 lb

* These technical specifications were determined by experimentation and reflect the total system performance. The values quoted were calculated from analyses performed in THF at 40 °C and in TCB at 160 °C. For full technical specifications see the Varian website at www.varianinc.com/products.

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Ordering Information

Description	Part No.
PL-GPC 220 Integrated GPC System	PL0820-0000
PL-SP 260VS Sample Preparation System	PL0810-4050
PL-SP 260VS Standard Accessory Kit	PL0810-4100
PL-BV 400HT Viscometer	PL0810-3050
PL-HT 15/90 Light Scattering Detector	PL0640-1200
Cirrus™ Multi-detector Software	PL0570-2020
Cirrus GPC-FT-IR SCB Software	PL0570-2400
GPC-FT-IR Data Import Module	PL0570-2300
PL HTGPC-FT-IR Interface	Contact your local sales office or distributor to discuss interface options
Heated Transfer Line	PL0810-1001
Degasser	PL0870-0100
Fixed Wavelength UV Detector	PL0870-1000
Variable Wavelength UV Detector	PL0870-1500
Evaporative Light Scattering Detector	PL091/24797
Network Interface	PL0870-0200