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Gilson GX-271 **Specifications**

Liquid Handling	<p>Preparative Accuracy: 98% (50 μL - 25 mL), Flow Rate: 1 μL - 50 mL/min</p> <p>Analytical Accuracy: 98% (10 μL - 5 mL), Flow Rate: 1 μL - 5 mL/min</p>
Injection	Reproducibility: < 1% CV (total loop) Carryover: < 0.005%
Sampler Type	X/Y/Z with stationary rack design
Probe Positioning Performance	Accuracy: \pm 0.75 mm in X/Y/Z dimensions Repeatability: \pm 0.20 mm in X/Y/Z dimensions
Arm Speed	350 mm/sec in X dimension 350 mm/sec in Y dimension 125 mm/sec in Z dimension
Vertical Punch Strength	3.2 kg (7 lb)
Horizontal Motion Strength	X: 2.0 kg (4.5 lb) Y: 2.0 kg (4.5 lb)
Probe Rinse	Probe rinsing and flowing probe rinsing occurs through a dedicated rinse station using up to two flowing outside rinse solvents when integrated with a GX rinse pump
Rack Capacity	Up to five Code 20 or 33X/34X Series Racks or up to three Code 200 or 300 Series Racks Note: If a GX Direct Injection Module is installed on the locator plate of the liquid handler, only two Code 200 or 300 Series Racks can be accommodated. The rack position in front of the GX Direct Injection Module must remain available.
Front Panel	Two 7-segment blue LED displays and LED indicator lights for power and error messages
Contact Control	Two inputs (contact closure control & TTL), two relay outputs, two switched +24V DC 1A outputs and one safety input control Note: Do not use voltages higher than 30V despite contacts rated for higher voltage
Software Control	Computer control via Ethernet communication and TRILUTION® Software

Environmental Conditions	For indoor use only Altitude: 2000 m Temperature: 5°C - 40°C Air pressure: 75 - 105 kPa Pollution degree: 1 or 2, in accordance with IEC 66 Humidity: Maximum relative humidity 80% for temperatures up to 31° C, decreasing linearly to 50% relative humidity at 40°C
Manufacturing Standards	Meets applicable safety and EMC certification standards; UL and CE certified
Fuse	5 x 20 mm "T" type 2.50A One for 100 - 120V; two for 220 - 240V
Power Requirement	Frequency: 50 - 60 Hz Voltage: 100 - 240V (universal input) Current rating: 2.0A for 100 - 120V or 1.0A for 220 - 240V Power consumption: 250W maximum
Dimensions (w x d x h)	59.7 x 54.1 x 57.1 cm (23.5 x 21.3 x 22.5 in)
Weight	22 kg (48 lb)



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