

# 234 Autoinjector



## High-Performance Injector for Routine Chromatography

- Low-cost automatic injector combines excellent reproducibility, versatility and performance for routine applications at an economical price
- Five built-in injection methods make it quick and easy to set up and run your samples
- User-selectable method parameters give you the flexibility you need to automate a wide range of routine sample handling procedures
- Three loop-filling options—total, partial and centered
- Stores up to 20 protocols for future retrieval
- Menu-driven software ensures fast, easy setup and operation
- Automatic, two-position needle rinsing station rinses both the inside and outside of the needle, eliminating a manual step and minimizing cross-contamination from carryover

# Technical Specifications

<b>Available Sample Loop</b>	20 µL
<b>Available Valve</b>	Rheodyne 7010
<b>Communication Interface</b>	RS-232 or GSIOC; Three inputs and two relay outputs
<b>Cross Contamination<sup>†</sup></b>	<0.005% with recommended needle rinsing parameters <sup>†</sup> Contact Gilson Customer Service to learn what methods and conditions were used to obtain the values.
<b>Front Panel</b>	5 soft keys for protocol setup; 2 LED injection valve position indicators
<b>Display Panel</b>	2-line, 80-character LCD
<b>Injection Reproducibility<sup>†</sup></b>	Standard Configuration: Total loop fill: CV=<0.5% Partial loop fill: CV=<0.8% Alternative Configuration: Total loop fill: CV = 0.2% Partial loop fill: CV = 0.7% <sup>†</sup> Contact Gilson Customer Service to learn what methods and conditions were used to obtain the values.
<b>Liquid Contact Materials</b>	316L stainless steel, FEP, PEEK, PP, PI
<b>Locator Plate Capacity</b>	Up to 120 7-mL vials
<b>Manufacturing Standards</b>	Meets applicable Safety and EMC certification standards; UL and CE certified
<b>Power Requirements</b>	Frequency: 50–60 Hz Voltage: 100–120 and 200–240V, mains voltage fluctuations not to exceed ±10% of the nominal voltage
<b>Probe Rinse</b>	Through a dedicated rinse station for rinsing the inside and outside of the probe; selectable rinse volume and flow rate
<b>Sampler Type</b>	X/Y/Z with stationary rack design
<b>Software</b>	Via Gilson UniPoint™ System Software
<b>Syringe Capacity</b>	100 or 500 µL (standard)
<b>Syringe Pump</b>	Integral, high-precision
<b>Dimensions (w x d x h)</b>	38 x 38 x 38.5 cm (15 x 15 x 15.1 in.)
<b>Weight</b>	18 kg (40.1 lbs.)

For applications or additional information, contact your local Gilson Technical Sales Representative or visit [www.gilson.com](http://www.gilson.com).

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