

LFS-113 DUAL MODE LOW FLOW SAMPLING PUMP

**Your Old Favorite, The Reliable LFS-113
Has Just Been...*SUPER CHARGED!***



By replacing the NiCad battery with a Nickel-Metal-Hydride battery we have ended the era of quick battery drains. The NiMH will not develop “short memory effect” that afflicts older technology batteries. **AND**, it’s environmentally friendly. This new technology is available in a package you already know. The LFS-113 has been the most precise low flow pump on the market for 15 years running!

OTHER LFS-113 FEATURES

- Dual Mode Operation
- Flow Fault Indicator
- Timer Option (DC Model)
- Battery Check LED

For more details of Gilian Pumps
and sampling media

contact
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For a complete listing of pump models, kit configurations,
and pump accessories, refer to the Gilian Catalog.

PRODUCT SPECIFICATIONS

PERFORMANCE

Flow Range	1- 350cc/min
Low Flow Range	Constant Flow: 1-200cc/min, to 25" H ₂ O
	Constant Pressure (Multi Flow): 1-350cc/min, to 18±3" H ₂ O
Constant Flow Control	Better than ± 5% of set flow (after calibration)
Run Time	8 hour minimum
Flow Fault	If flow changes exceed 5%, fault icon appears. If fault exceeds 30 seconds, pump shuts down. Clock [Timer] model will retain sample time during fault shutdown.

ENVIRONMENTAL

Temperature Ranges

Operating	-20°C to 45°C (-4°F to 113°F)
Storage	-40°C to 45°C (-40°F to 113°F)
Charging	-40°C to 45°C (-40°F to 113°F)

Humidity Ranges

Operating	0-85 %RH, non-condensing
Storage	0-100 %RH, non-condensing

GENERAL

Features	Dual filtration system, sorbent tube end breaker, belt clip
Controls	Power Switch, Flow Control Screw
Indicators	Flow Fault, Battery Check
Icons (LCD)	Elapsed Time (DC model only)
Dimensions	6.35W x 11.76H x 3.51D cm 2.50W x 4.63H x 1.38D inches
Weight	340 g (12.0 oz.)

ELECTRICAL

Battery Pack	Rechargeable Nickel-Metal-Hydride
Interface Connectors	Charging Jack
Charging Time	14-18 hours

APPROVALS

CE	EMC Directive [EMI/RFI]: EN 55 022 Class B; IEC 801-2, 3
	ATEX: II 2 G EEx ib IIB T4

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