



LabTec® Methadone Dispensing Pump System

- Automated, high-precision methadone dispensing
- Performance validated

The LabTec® Methadone Dispensing Pump System provides high-precision, computer controlled dispensing and documentation of methadone usage for government compliance and inventory control.

Easy to use and calibrate, the LabTec Methadone Dispensing Pump System was designed to meet the requirements of the methadone treatment industry. It has been used in methadone treatment centers nationwide and internationally for over 15 years.

The complete system consists of the LabTec methadone dispensing pump, communication cables, stand and clamps, tubing and a metal sinker to prevent tubing from coiling in the methadone solution. The system communicates readily with many clinical treatment software programs and is an integral part of complete systems sold by companies internationally. Performance validation is included with each system. Each system is pre-set, pre-calibrated and accurate to within 0.5% by volume.

Features and Benefits

- Automated
- Simple re-calibration
- Compatible with patient management software
- Personalized customer service
- Easy-to-use
- Includes RS-232 and USB ports
- Accurate and reliable



Note: LabTec® is a registered trademark of Parker Hannifin Corporation.

Performance Validation

Each LabTec Methadone Dispensing Pump System is shipped with a performance validation that provides a statistical analysis of your system's calibration.

Aliquot	2ml	5ml	10ml	20ml
1	2.01	4.99	10.00	20.03
2	1.99	4.99	9.99	20.02
3	2.01	5.00	9.97	20.03
4	1.98	4.99	10.00	20.00
5	2.01	5.00	10.00	20.01
Ave	2.00	5.00	9.99	20.02
SD (+/-)	0.01	0.01	0.01	0.01
RSD (%)	0.71	0.11	0.13	0.07

LabTec® Methadone Dispensing System



Communication of ASCII commands is done via RS-232 and the PC Com Port. An RS-232 cable or a USB cable that connects to the SciLog LabTec is required. The following settings are necessary for efficient RS-232 communication:

- Baud Rate: 9600 bps
- Word Length: 8 bits
- Stop Bits: 1
- Flow Control: None



Stand and clamp holds tubing in place and leaves hands free for other tasks. 20" vertical post. Clamp for holding tubing in place can open 1.5" to hold a methadone bottle.



Metal sinker, made from solid stainless steel. Prevents tubing from coiling in the methadone solutions. Also prevents the tubing from getting stuck by suction to the inside of the methadone reservoir.

Specifications for the LabTec® Methadone Automated Pump

	Description
Dimension / Weight	Width: 5.75" (146 mm) x height: 8.5" (2126 mm) x depth: 11" (279 mm): 14 lbs (6.4 kg)
Enclosure & Rating	16 Ga, aluminium baked epoxy blue 4-40dC, 0-100% humidity, IP20
Power	115 / 220-240 VAC, 60 / 50 Hz, 75 Watts, double fused: T1AL 250V (CE: IR35A 250VAC)
Motor / Encoder	3400 RPM, 24 VDC, 3.8A, 100 ppr
I/O Ports	Male DB9 scale connections (RS-232), female DB9 printer or PC connection (RS-232), external IO DB37 connector, 1 TTL input, 4 TTL output, 3 4-20mA, USB
Operational Mode	Remote dispensing by volume

Maintenance & Support

All maintenance service, technical support for the dispensing system are provided quickly and efficiently. When combined with a routine, thorough daily cleaning procedure, the system only needs to be factory serviced and re-calibrated every 12-18 months.

Submit service requests using our online form: solutions.parker.com/service

Ordering Information

Code	LabTec Methadone Dispensing Pump
200-METH-1342	Remote volumetric dispensing of liquid methadone

Code	LabTec Methadone Dispensing Pump System
200-METH-SYSTEM	Complete system for remote volumetric dispensing of liquid methadone

Code	Tygon Tubing
400-216	Size #16, ID = 0.125" Wall = 0.063, 50 ft/box

Code	Stand and Clamps
400-410	Holds tubing & dispensing tip in position for dispensing

Code	Metal Sinker
400-001M	Prevents tubing from coiling in the methadone solution

Code	USB Cable
090-158	For communication between PC & LabTec Methadone Pump

Code	Dispensing Tips
400-492	For #16 tubing, one per pack, autoclavable polypropylene 3/16" to 1/8" ID

Order pumps, parts & accessories online:
parker.com/methadone-pump

Parker Hannifin Corporation has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Technical Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.