

Digital Dispensing Pumps	
DESCRIPTION	CAT. NO.
Digital Pump 0.1 to 300 rpm with Single Channel Miniflex Pump Head	07525-20
Digital Pump 0.1 to 300 rpm with Dual Channel Miniflex Pump Head	07525-40
Digital Pump 0.1 to 300 rpm with Microflex Pump Head	77123-00



**Digital Pump
with Microflex
Pump Head
77123-00**



**Digital Pump
with Miniflex
Pump Head
07525-20**

MASTERflex®

US & Canada only

Toll Free 1-800-MASTERFLEX | 1-800-637-3739

Outside US & Canada

1-847-381-7050

A-1299-7327 Edition 05

***EN809 manufactured by:**

Masterflex LLC

28W092 Commercial Avenue, Barrington, IL 60010

techinfo@masterflex.com | www.masterflex.com

MASTERflex®

MASTERflex® SERIES
DIGITAL DISPENSING PUMP



Quick Start Guide

SAFETY PRECAUTIONS

DANGER: Remove power from the pump before any cleaning operation is started.

WARNINGS: Remove power from the pump before attempting any maintenance.

A contactor or other device that routinely disconnects and reapplies the AC line to the drive to start and stop the motor can cause drive hardware damage. The drive is designed to use control input signals that will start and stop the motor.

WARNINGS: Tubing breakage may result in fluid being sprayed from pump. Use appropriate measures to protect operator and equipment.

Unplug Pump System before removing or installing tubing. Fingers or loose clothing could get caught in drive mechanism.

CAUTION: Unplug Pump System before connecting the external remote control cable to prevent damage to the drive.

CAUTIONS: To avoid electrical shock, the power cord protective grounding conductor must be connected to ground. Not for operation in wet locations as defined by EN61010-1.

If the product is not used in a manner specified in the instructions, the protection provided by the equipment may be impaired.

Explanation of Symbols

CAUTION: Risk of Danger. Consult Operator's manual for nature of hazard and corrective actions.

CAUTION: Risk of crushing. Keep fingers away from rotor while pump is in operation. Stop pump before loading or unloading tubing.

CAUTION: Risk of electric shock. Consult Operator's manual for nature of hazard and corrective actions.

WARNING: Product Use Limitation

This product is not designed for, nor intended for use in patient connected applications; including, but not limited to, medical and dental use, and accordingly has not been submitted for FDA approval.

This product is not designed for, nor intended for use in hazardous duty areas as defined by ATEX or the NEC (National Electrical Code); including, but not limited to use with flammable liquids.

Replacement Cord/Plug Sets Ordering Information

Catalog number	Description	Catalog number	Description	Catalog number	Description
50001-60	Australia	50001-69	Israel	50001-76	Italy
50001-62	Denmark	50001-70	Europe	50001-78	U.S. 230V
50001-64	India	50001-72	England		
50001-68	U.S. STD. 115V	50001-74	Switzerland	—	—



EN61010-1:2010 L.V. DIR.
EN61326-1:2013 EMC DIR.
EN610000-4-2 Criteria C
EN60529 / IEC 60034-5

2 year warranty



0.01-300 rpm



+0C, +32F +40C, +104F



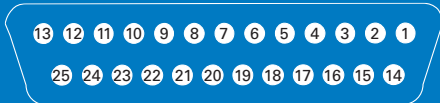
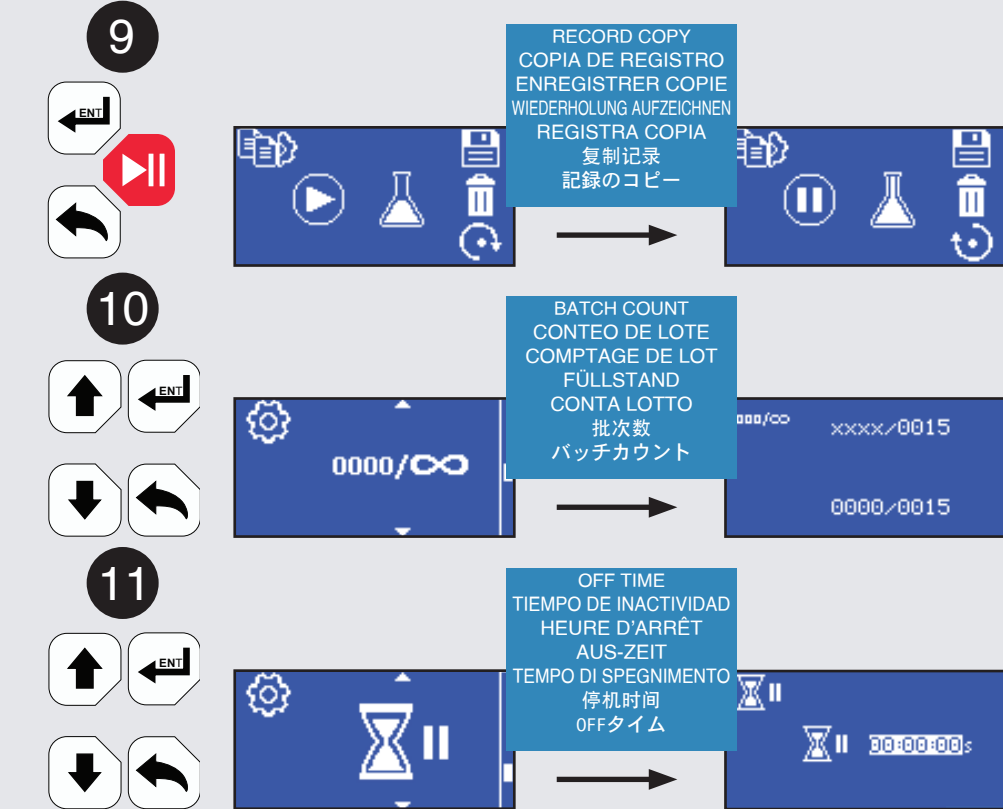
70 dba @ 1M



07525-20, -40
4.8 lbs (2.2 kg)
77123-00
4.5 lbs (2.0 kg)



-25C, -13F +65C, +149F

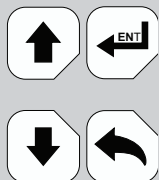


Pin No. DB-25

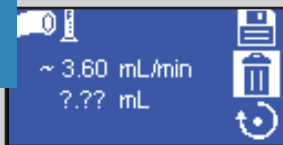
Pin No. DB-25	Description
1	Speed Control Voltage Input (0-10V)
2	Speed Control Current Input (0-20 mA)
3	Speed Control Input Ground Return
4	Speed Signal Current Output (0-20 mA)
5	Speed Signal Output Ground Reference
6	Motor Running Relay (N.O.)
7	Motor Running, Relay Common
8	Reserved - Not Used
14	Speed Signal Voltage Output (0-10V)
15	Remote Start/Stop Input
16	Remote CW/CCW Input
17	Remote Start/Stop, CW/CCW, Prime, Local/Remote Grnd Ref.
18	Tach Ground Reference
19	Tach Output (Open Collector)
20	Remote Prime Input
9	Remote Voltage or Current Enabled
23	General Alarm Relay
24	Local/Remote Indicator Relay
10-12	Reserved - Not Used
21	General Alarm Relay Common
22	Local/Remote Indicator Relay Common
25	Aux 24V+ (150 mA)
13	Aux 24V- (150 mA)



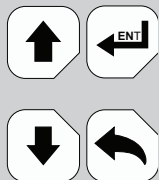
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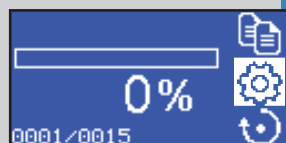
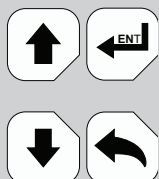
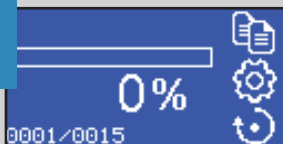
TUBING CAL
CAL DE TUBERÍA
ÉTALON. TUYAU
ROHRLEITUNGSKAL
TARATURA TUBI
管路校准
配管校正



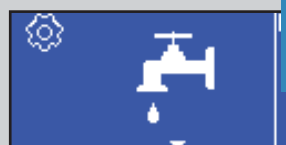
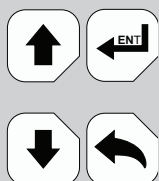
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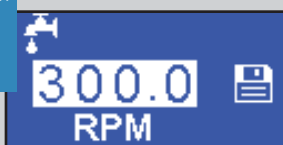
COPY DISP. MODE
DUPLICAR DISP.
DISTR. REPETEE
WH.FÖRD.MOD.
MOD DIST COPIA
拷贝输注模式
コピー給液モード



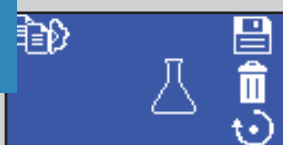
SETUP
MONTAJE
INSTALLATION
SETUP
IMPOSTAZIONE
設置
セットアップ



PUMP SPEED
VELOCIDAD DE LA BOMBA
VITESSE DE POMPE
PUMPENGESCHWINDIGKEIT
VELOCITÀ POMPA
泵速
ポンプ速度



COPY
COPIA
COPIER
WIEDERHOLUNG
COPIA
复制
コピー



Product Accessories

- 07523-92** Footswitch w/DB-25 male connector
- 07523-94** DB-25 male connector for remote control (connector only)
- 07523-95** Cable assembly, DB-25 male connector and 25-ft (7.9m) cable w/stripped wire ends
- 07523-97** Dispensing wand DB-25 male connector
- 07525-90** Power Supply, 24V DC output, 90 to 260V AC input

1



2



3



Graphic Interface Keypad Legend

