

# MASTERFLEX<sup>®</sup>

## MASTERFLEX<sup>®</sup> I/P<sup>®</sup> SERIES PRECISION MODULAR DRIVES



Quick Start [Guide](#)

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## Product Accessories

### Bench Top Model 07591-20 Only

- 77595-35** Footswitch DB-9
- 07595-45** Connector, DB-9 Remote Control
- 07595-47** Cable, Remote Control DB-9, 25 FT.
- 07557-51** Cable, Motor Extension, 9 FT.

### NEMA Wall-Mount Model 07591-30 Only

- 07595-43** Footswitch, Washdown
- 77300-32** Cable, Remote Control Washdown, 25 FT.
- 07557-51** Cable, Motor Extension, 9 FT.

## 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	—	—

## SAFETY PRECAUTIONS



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

High voltages exist and are accessible. Use extreme caution when servicing internal components



**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.

Turn Pump System off before removing or installing tubing. Fingers or loose clothing could be caught in drive mechanism.



**CAUTIONS:** When changing flow direction, allow the pump to come to a complete stop before starting again. Failure to do so could cause permanent damage to the motor.

Replace the fuse only with one of the same type and rating. The fuse rating and type are stated on the rear panel.



**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:** Hot Surface. Do not touch.



**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. Consult the factory for products suitable for these types of applications.



EN809 MACH. DIR.  
EN61010-1 L.V. DIR.  
EN61326-1 EMC DIR.  
EN60529 / IEC 60034-5



2 year warranty



6-650 rpm



+0C, +32F



+40C, +104F



70 dba @ 1M



07591-20 IP33  
07591-30 IP66 (NEMA 4X)



07591-20  
21.8 lbs. (9.88 kg)  
07591-20  
39.7 lbs. (18.0 kg)



-25C, -13F



+65C, +149F

**I/P Precision Pump  
System with  
I/P Easy Load Head  
77962-20**



**I/P Nema Precision Pump  
System with  
I/P Easy Load Head  
77962-30**

**MASTERFLEX<sup>®</sup>**

**US & Canada only**

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

**Outside US & Canada**

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