

CP-5 GROUTER

WARNING! THE CP-5 CAN DEVELOP FLUID PRESSURES IN EXCESS OF 3,000 POUNDS PER SQUARE INCH! DO NOT OPERATE UNTIL ALL PERSONNEL IN THE VICINITY ARE WEARING FULL PROTECTION AND ARE ACQUAINTED WITH ALL HAZARDOUS CHARACTERISTICS OF THE MATERIAL BEING USED.

INSTRUCTIONS

Assembly: Loosen the bolt (S-444) securing the triangular stand (M-016). Rotate the stand until perpendicular to the frame and re-tighten the bolt. Free the handle (CP-03) by removing the upper retaining pin (CP-11) from the top of the vertical post. Stow the pin in the vacant pump mounting hole in the handle. Secure the Pump Body (M-019) by inserting Retaining Pin (CP-10) through the parallel frame struts and the pump body.

Dual hole locations allow the pump to be positioned in two settings; the forward station nearest the hinge delivering the higher pressure, and the aft station delivering lower pressures but in greater volume. The pump is relocated by removing the pins securing the Piston (M-018) and the Body (one in the handle and the other in the frame), and relocating the pump to the adjacent holes. Attach the Dispense Hose Assembly (CP-4A) to the valve outlet body (M-795).

Operation: Locate the pump astride the material container with the inlet valve body fully submerged. Check the Bleed Control knob (M-793) to be certain it is closed. Pump the handle. After a few strokes fluid will flow from the hose.

During normal operation the Bleed Control (M-793) is closed, its only purpose being to relieve high pressures trapped in the outlet line, thus preventing disconnection of the port connector. Relieve the pressure by turning the knob counter-clockwise, venting the material back into the container. Close the valve before attempting to pump additional material.

Cleaning: Circulation of a pump flush recommended by the material manufacturer is normally sufficient cleaning. (Piston and piston wiper seals are viton - other materials are available.) If cured product builds up within the system, it will interfere with the seating of the balls (P-454). If cured material must be removed, soak the components until the contaminants can be blown or rinsed clean. **Do not use any sharp or abrasive tools to clean the ball seat as it is a precision surface!**

To reinstall the A-523 or A-260 assemblies, the flats of the nuts retaining the stem, and the flats on the inlet valve body must be aligned so as to pass through the gap between the parallel strut members of the frame.

SCHEDULE OF PARTS

A-260	INLET CHECK VALVE ASSEMBLY	M-019	PUMP BODY
A-261	OUTLET VALVE ASSEMBLY	M-020	PUMP BODY RETAINING CAP
A-223	PUMP ASSEMBLY	M-790	INLET VALVE BODY
A-096	SEAL KIT	M-795	BY-PASS CARTRIDGE
CP-07	PUMP PISTON SEAL ASSEMBLY	M-793	BLEED CONTROL ASSEMBLY
CP-10	PIN - 3/8" DIAMETER X 2 1/4" GRIP	M-794	VALVE OUTLET BODY
CP-11	PIN - 3/8" DIAMETER X 1 1/4" GRIP(2)	P-561	5/32" X 1/8" UNION
CP-12	PIN - 3/8" DIAMETER X 3/4" GRIP	P-345	SEALS (2)
CP-31	ZERK COUPLER	S-444	HEX HEAD RETAINING BOLT 1/2"-13 X 2"
CP-35	PUMP CAP WIPER SEAL	A-523	INLET STEM ASSEMBLY
CP-4A	MATERIAL DISPENSE HOSE	S-007	PIPE ELBOW
M-015	FRAME	P-425	COMPRESSION ELBOW
M-016	STAND	P-449	COMPRESSION UNION
CP-03	HANDLE	P-454	CERAMIC CHECK BALL(2)
M-018	PUMP PISTON	S-132	SS CHECK BALL
		P-521	5/32" NYLON TUBING

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