



## PNEUMATIC TWO COMPONENT LIQUID COMPOSITES APPLICATORS OPERATING INSTRUCTIONS

### SAFETY

This applicator is a quality product for the professional user; it is designed for high duty cycles over long operating periods. As compressed air is used as the power source, operator fatigue is minimal, but it must be remembered that compressed air can be dangerous when used incorrectly. The user should take time to read and understand these operating instructions fully.

### ALWAYS

- USE PROTECTIVE EYE & EAR EQUIPMENT WHEN OPERATING.
- DISCONNECT THE AIR SUPPLY BEFORE STARTING ANY MAINTENANCE / CLEANING TASKS.

### NEVER

- CONNECT THE APPLICATOR TO AN AIR SUPPLY WHICH CAN EXCEED 145 P.S.I (10 BAR)
- IMMERSE THE GUN IN SOLVENT.
- OPERATE THE GUN WITH LOOSE, BROKEN OR MISSING PARTS.
- CARRY THE GUN BY THE AIR PIPE.
- USE DAMAGED CARTRIDGES OR THE WRONG TYPE OF CARTRIDGE IN THE APPLICATOR.

### CONNECTION

Check the supply pressure. For optimum performance the supply pressure must be greater than 100 P.S.I (6.8 bar) and less than 145 P.S.I. (10 bar) and a CFM of 8 - 10. The applicator will work at lower supply pressures, but flow rates could be reduced and may vary. Connect the applicator to a suitable compressed air source using the supplied fitting, or with a suitable fitting. All applicators are fitted with a male ¼" BSP thread.

### OPERATION / CONTROLS

#### A INTERNAL PRESSURE REGULATOR

The internal pressure regulator controls the liquid composites flow rate and ensures a stable flow of liquid composites is maintained. To increase the flow of liquid composites, turn the knob in a clockwise (+) direction. To decrease the flow, turn the knob in a counter clockwise (-) direction.

#### B TRIGGER

By pulling the trigger, a cushion of compressed air is built up inside the applicator, this initiates the flow of liquid composites. On releasing the trigger, the liquid composites flow ceases as the compressed air escapes rapidly by a quick exhaust valve at the rear of the gun.

#### C PLUNGER RETURN BUTTON (Where fitted)

Press and hold the plunger return button (C), then pull the trigger (B). This will pull back the plunger rods automatically ready for the next cartridge. If the applicator is not fitted with the air return button, manually pull back the plungers using the indicator knob (D).

#### D INDICATOR / RETURN KNOB

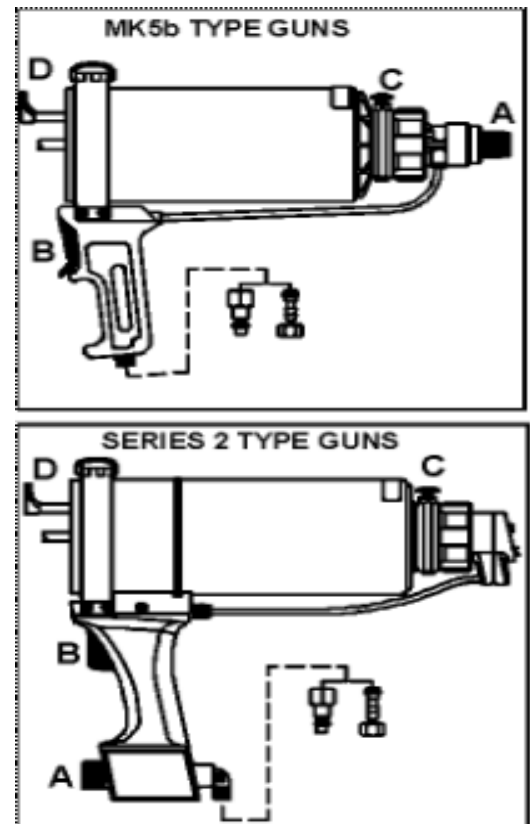
This gives a visual indication of how much material is remaining in the cartridge during use. For guns not fitted with air return, the return knob is used to manually pull the plungers back.

### MAINTENANCE

**DAILY:** Wipe the applicator using the liquid composites manufacturers recommended solvent before it has time to set. Special care should be taken to make sure no residue is left on the rods.

**WEEKLY:** Check the plungers and all external bolts / screws are tight. Tighten if found to be loose.

**MONTHLY:** Lubrication of internal pistons and seals: Place 3 drops of oil on the air inlet at the bottom of the butt. Recouple the air line and when next operated the compressed air will blow the oil into the workings of the gun.



**Corporate Office: P.O. Box 344 - Brookfield, WI 53008 - (800) 307-9218 - (262) 787-0400 - Fax (262) 787-0500**

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