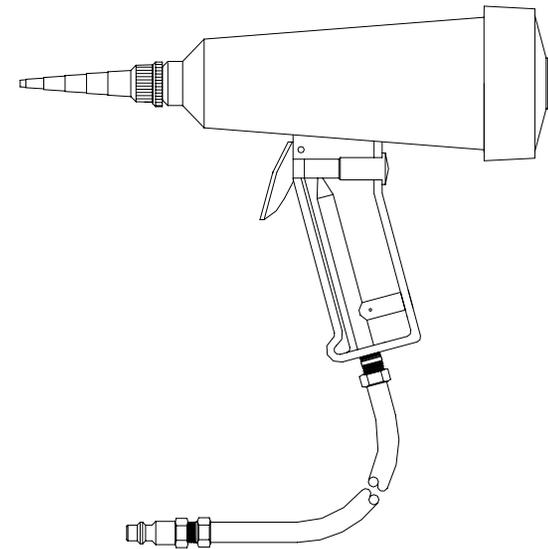


TECHCON SYSTEMS
TS910
Squeeze Tube Gun

User Guide



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10. LIMITED WARRANTY

Manufacturer warrants this product to the original purchaser for a period of ninety (90) days from date of purchase to be free from defects in material and workmanship, but not against damages by misuse, negligence, accident, faulty installations and instructions. Manufacturer will repair or replace (at factory's option), free of charge, any component of the equipment thus found to be defective, on return of the component "PREPAID" to the factory during the warranty period. In no event shall any liability or obligation of the Manufacturer arising from this warranty exceed the purchase price of the equipment. This warranty is only valid if the defective product is returned as a complete assembly without physical damage. The Manufacturer's liability, as stated herein, cannot be altered or enlarged except by a written statement signed by an officer of the company. In no event shall the Manufacturer be liable for consequential or incidental damages. A return authorization is required from OK International prior to shipping a defective unit to the factory.

Manufacturer reserves the right to make engineering product modifications without notice.

Send warranty returns to:

OK International
12151 Monarch Street
Garden Grove, Ca 92841

TSI-0071 Rev_A

| No. | Part number | Description |
|-----|--------------|----------------------|
| 1 | 910-TN | Nozzle |
| 2 | 910-25 | Nozzle retaining nut |
| 3 | TSD1400-014A | O-ring |
| 4 | 910-3 | Lock Ring |
| 5 | 910-26 | Body |
| 6 | 910-2 | Cap |
| 7 | 910-8 | Seal |
| 8 | 910-13 | Seal Retaining Ring |
| 9 | TSD923-1 | Hose Barb Fitting |
| 10 | TSD1099-11 | Air Hose, 5' |
| 11 | TSD922-1 | Hose Fitting |
| 12 | TSD356-6 | Air Connector |

1. SPECIFICATIONS

Size: 7.5" (19.5 cm) x 6.5" (16.5 cm)
Weight: 0.60lb (0.27Kg)
Maximum pressure: 50.0 psi (3.44 bar)
Air inlet port: 1/8 NPT
Air hose length: 5.0' (1.5 m)

2. SET UP INSTRUCTIONS

1. Assemble appropriate air connector fitting to end of air hose assembly
2. Remove gun cap by rotating counterclockwise
3. Place Nozzle onto squeeze tube containing material to be dispensed, make certain that nozzle is correctly and firmly threaded onto squeeze tube
4. Place squeeze tube into gun assembly by inserting nozzle through dispense end opening
5. Pull nozzle through opening until firmly seated then thread nozzle retainer nut over nozzle. It may be necessary to hold the squeeze tube to prevent rotation.
6. Install the gun cap back securely onto the gun assembly
7. Cut nozzle tip to desired dispensing orifice
8. Connect air hose assembly to air source
9. Turn up air pressure (50 psi max) and squeeze the gun trigger until desired flow is achieved. Recommended starting pressure is 20 psi.
10. When dispensing process is completed, remove the gun cap
11. Hold the squeeze tube while removing nozzle retaining nut

3. TROUBLE SHOOTING

| PROBLEM | POSSIBLE CAUSE | CORRECTION |
|--|---|--|
| Air leak at relief poppet | Excessive air pressure | Reduce pressure to below 50 psi |
| | Dirt or foreign substance clogging poppet seal | Clean poppet by blowing air |
| | Relief poppet damaged | Return gun for repair |
| Air leak at gun cap assembly | Cap not firmly seated | Re-install cap |
| | Dirt or foreign substance interfering with gasket seal | Clean gasket |
| | Defective gasket | Replace with new gasket |
| Air leak at trigger | Trigger damage | Replace new trigger |
| Material does not dispense | Air pressure is too low | Turn up air pressure |
| | Nozzle not cut | Cut nozzle |
| | Trigger damaged | Replace trigger |
| Material dispenses erratically, "Spitting", "Popping" | Nozzle cross threaded or not threaded down firmly | Re-install nozzle correctly |
| Incomplete dispense (Tube collapses at front end, blocking material) | Tube was deformed at front end when threading on nozzle | Re-shape tube |
| | Too much air pressure or too rapid dispense rate | Reduce air pressure or reduce dispense orifice |

4. O-RING REPLACEMENT

Refer to figure 1.0

1. Disconnect air pressure
2. Using a screwdriver push the lock ring (4) and O-ring (3) out of the nose of the gun assembly housing
3. Drop new O-ring into large end of gun
4. Push O-ring into nose of gun using soft tipped probe
5. Place lock ring over nozzle and squeeze tube then insert it onto nose of gun
6. Pull nozzle firmly through orifice to ensure complete seating of lock ring

5. SPARE PARTS

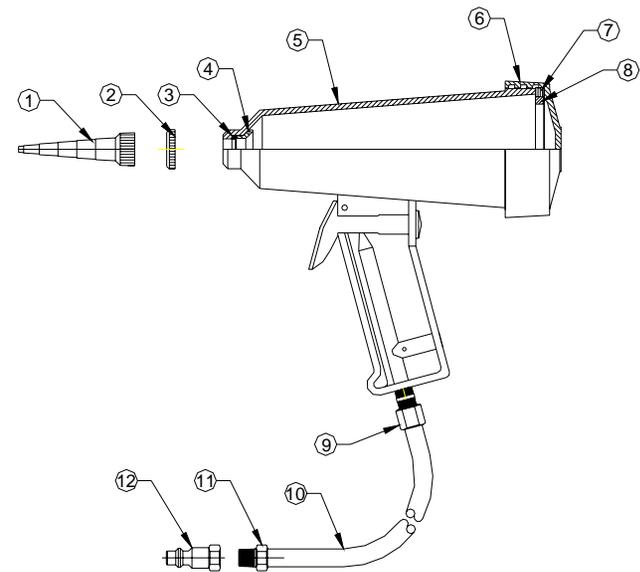


Figure 1.0