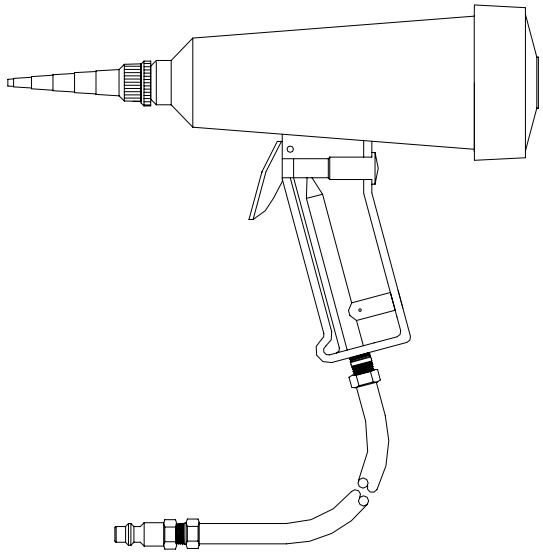
TECHCON SYSTEMS

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

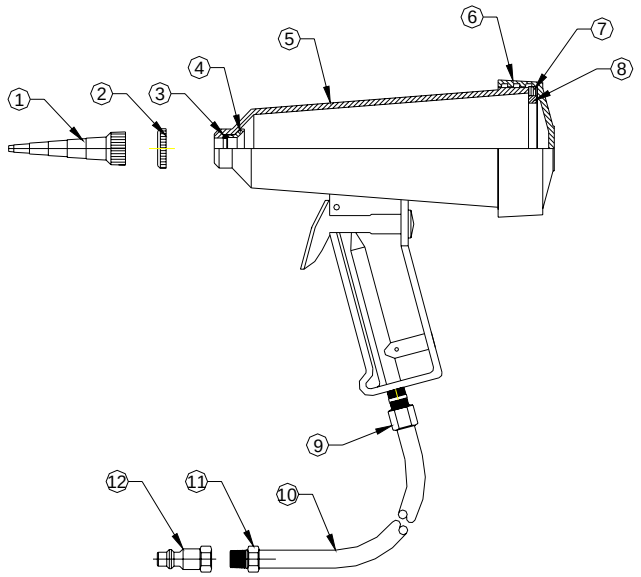

Figure 1.0