

PAWAN - A140 TS

Timer/Sensor Base Suction Unit

Product Manual



| Specification | A120TS | A140TS |
|------------------------------------|--------------------------|--------------------|
| Operating Pressure | 4-8 BAR | 4-8 BAR |
| Electric Supply | 230 V AC | 230 V AC |
| Air Consumption m ³ /hr | 11 x (BAR +1) | 38 x (BAR +1) |
| Air Connection Inlet | 13 mm ID HOSE | 20 mm ID Hose |
| Air Connection Exhaust | 23 mm ID HOSE | 30 MM ID Hose |
| Suction Capacity | 15000 DTEX | 35000 DTEX |
| Overall Dimension | 122X170X223 mm | 122x170x310 MM |
| Weight | 4.5 KG | 5.4 KG |
| Mode of Operation | 1: Sensor 2 : Timer | 3 : Sensor + Timer |

SUCTION UNIT TIMER / SENSOR BASE - OPERATION

Fix the unit at any suitable place. Connect 230 V AC as shown. Connect compressed air pipe & exhaust pipe. The equipment is ready for use.

Unit can be operated in three modes -

Timer Mode 'T' - Select Timer mode on selector switch. Set DIP switch to required time range as below -

| DIP SWITCH SETTINGS FOR TIME RANGE | | | |
|------------------------------------|-----|-----|-----|
| RANGE 3 DIGIT | SW2 | SW3 | SW4 |
| 9.99 SEC | OFF | OFF | OFF |
| 99.9 SEC | OFF | OFF | ON |
| 999 SEC | OFF | ON | OFF |
| 99.9 MIN | OFF | ON | ON |
| 999 MIN | ON | OFF | OFF |
| 99.9 HR | ON | OFF | OFF |

DIP SWITCH SETTINGS FOR MODE

| | |
|----------|-----|
| MODE | SW1 |
| ON DELAY | OFF |
| INTERVAL | ON |

DIP SWITCH SETTING

| | | | | |
|------------------|---|---|---|---|
| | | | | |
| | | | | |
| ON | 1 | 2 | 3 | 4 |
| MODEL - INTERVAL | | | | |
| RANGE 99.9 SEC | | | | |

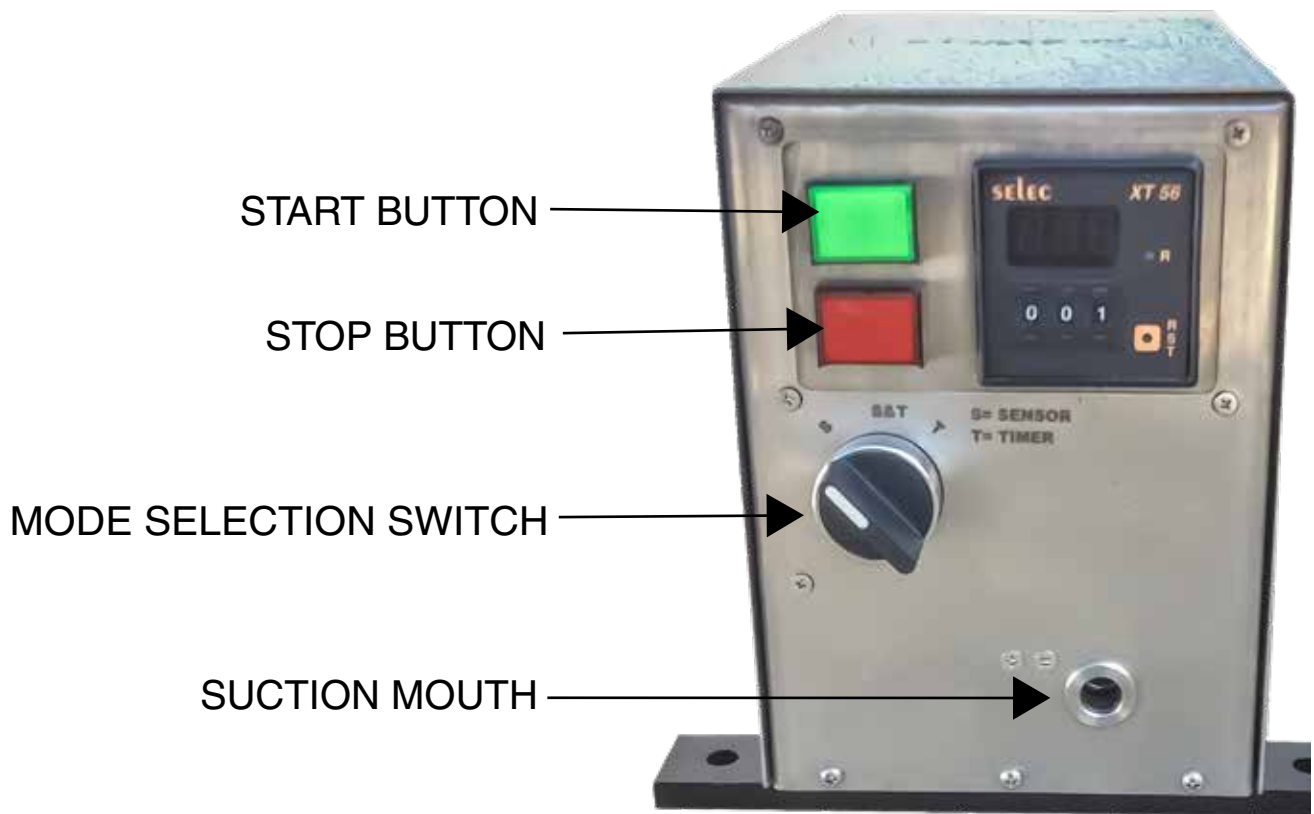
Set required suction duration in the timer and press start. The unit will start suction & will continue till predetermined time. Compressed air will be automatically shut off thru solenoid after pre set time is over. The cycle can be repeated by pressing the start button again.

Sensor Mode 'S' - Select S Sensor mode on selector switch. Introduce yarn in suction mouth and press start. (The unit cannot start without introducing the yarn as solenoid gets signal only thru sensor). The unit will start yarn suction till desired bobbins are emptied. The unit will automatically stop after whole yarn is suctioned.

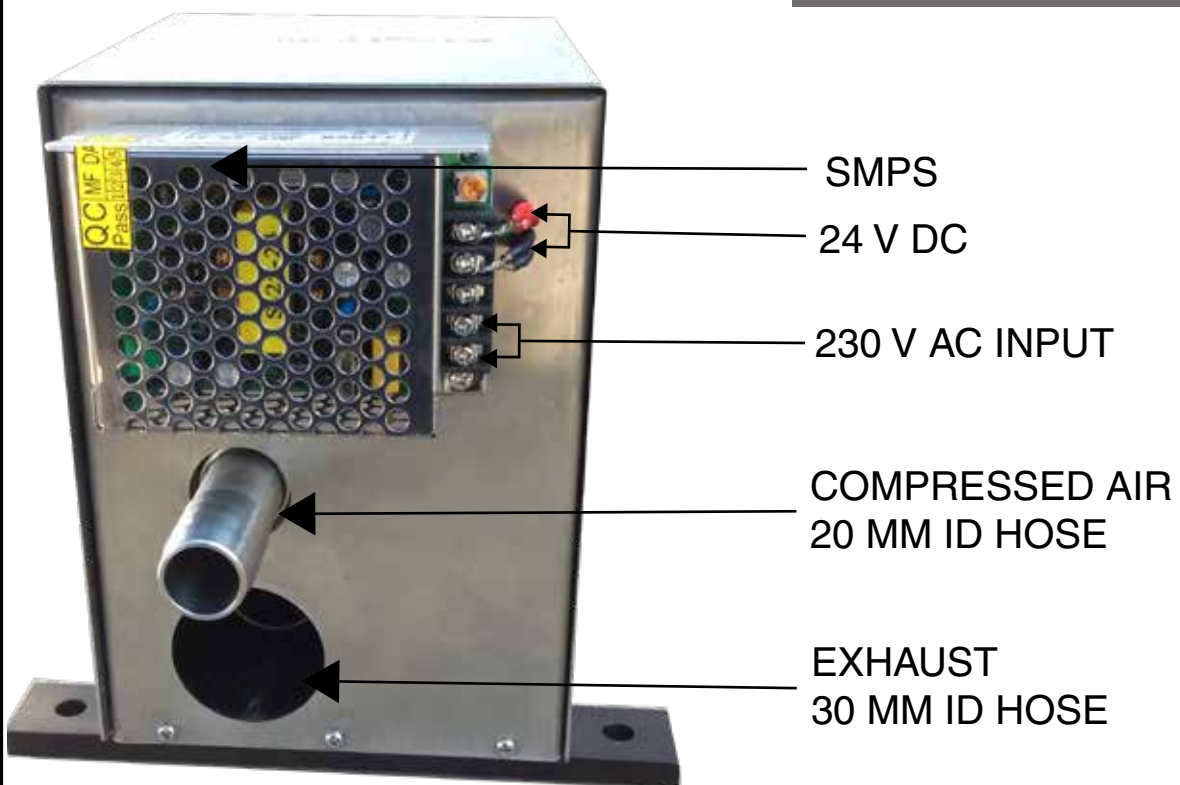
Sensor + Timer Mode 'S & T' - Select S&T mode on selector switch. Introduce yarn in suction mouth and press start. The unit will start yarn suction till desired bobbins are emptied or pre set time is over- whichever is earlier.

In all the three modes the function can be stopped at any time just by pressing stop button.

SUCTION UNIT TIMER / SENSOR BASE - PARTS

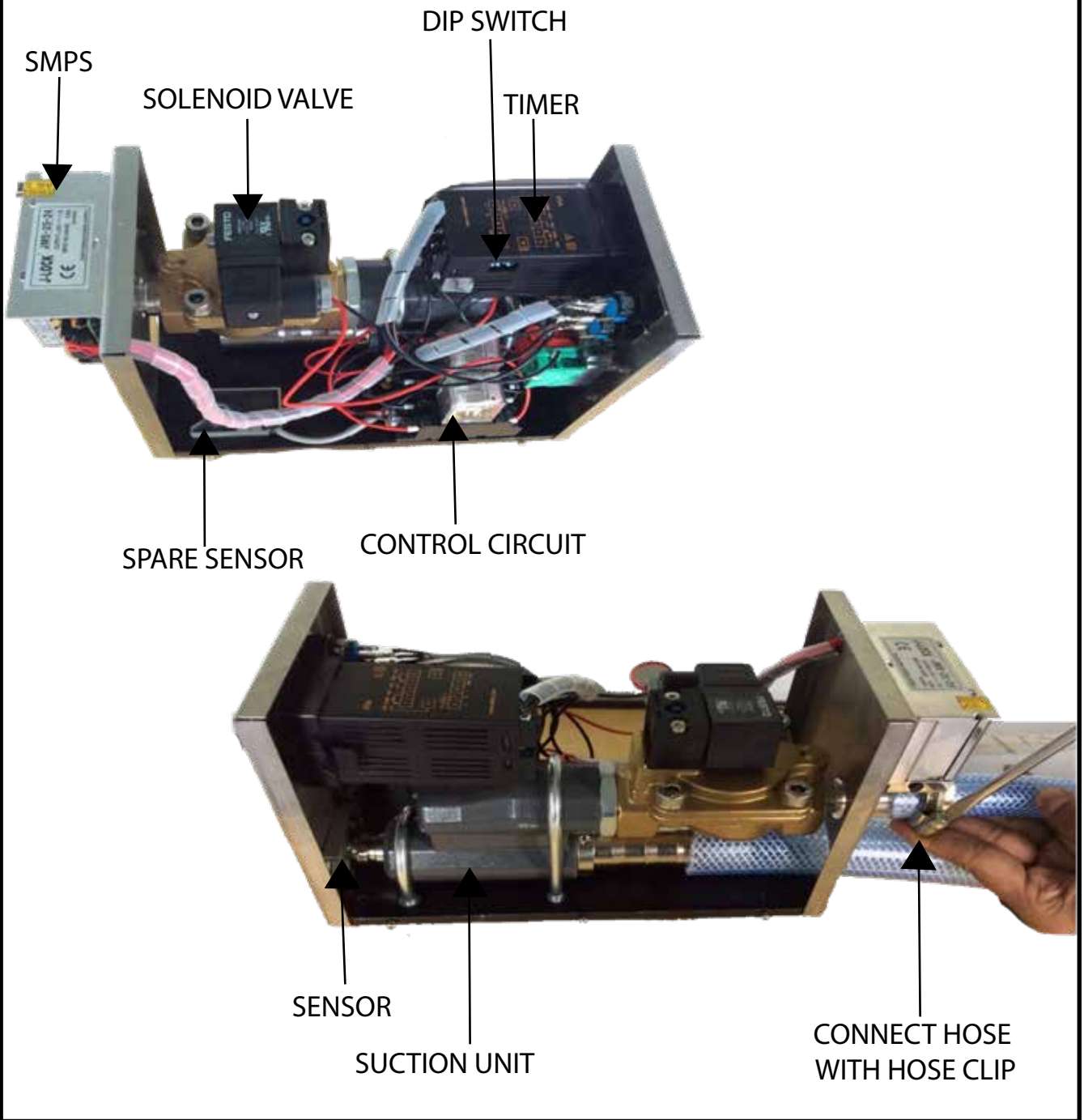


FRONT VIEW



REAR VIEW

SUCTION UNIT TIMER / SENSOR BASE - CONNECTION



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