

TC-501N Manual

This manual contains important information on the correct operation, maintenance and safety information of the compressor, all of which should be strictly adhered to. Failure to do so may cause damage of product and/or potential hazards which are not covered under SPARMAX warranty.

Each SPARMAX compressor is tested and fully inspected to ensure its quality and performance are up to strict standards at the time of factory dispatch.

IMPORTANT SAFETY INFORMATION

WARNING:

DO NOT apply voltage and frequency different from those specified on voltage label at the bottom of the unit.

CAUTIONS:

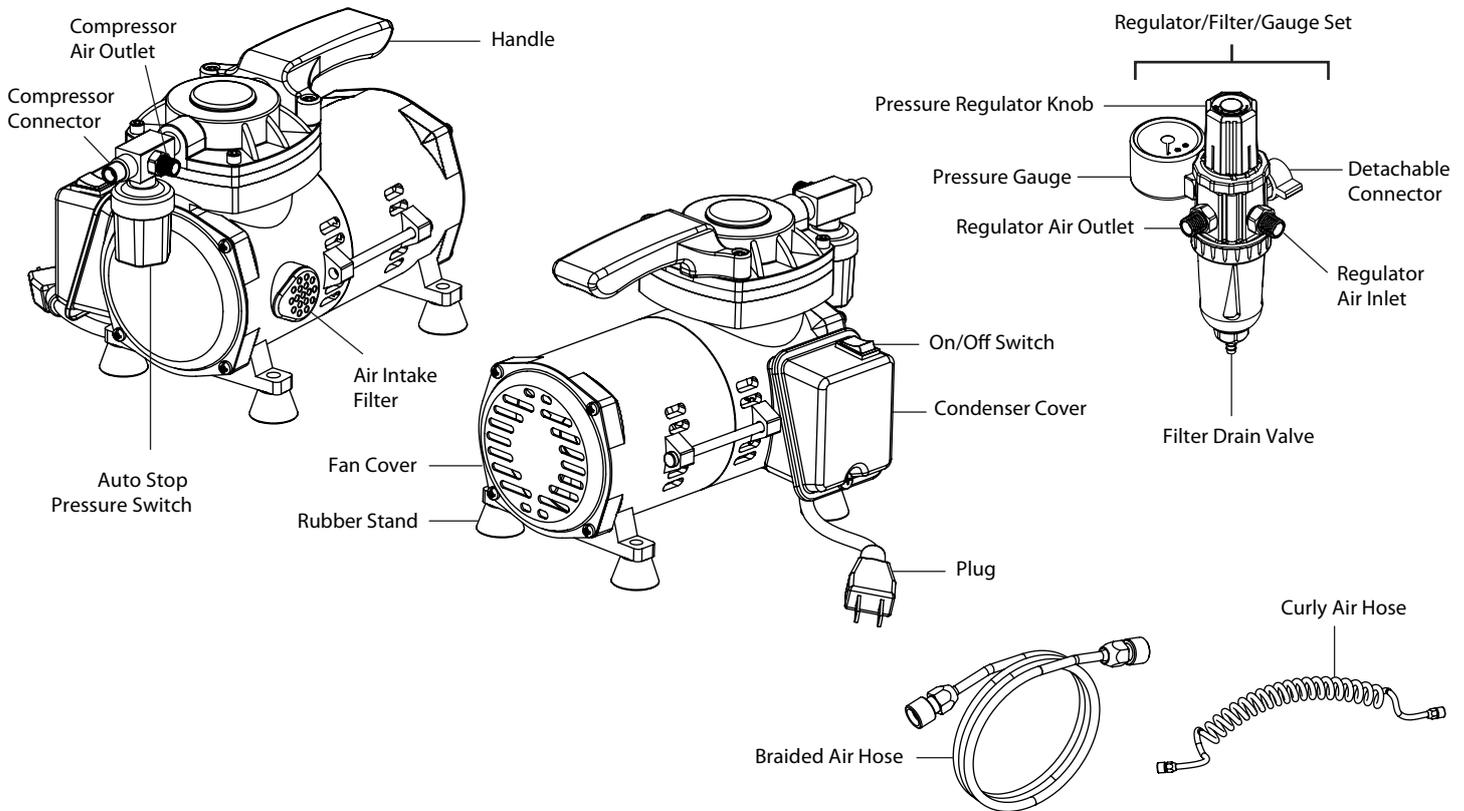
1. **ONLY** operate the compressor in dry, well-ventilated areas on a flat surface.
2. **DO NOT** leave the compressor in operation unattended.
3. **DO NOT** insert any foreign objects into the compressor or disassemble/modify/repair it in any way.
4. **DO NOT** touch the compressor during or soon after operation since it will become hot.
5. **STOP** and turn off the compressor immediately if burnt odor, white smoke, odd noises, or other abnormalities are detected.

NOTE: Emission of an oil-like odor during the first few uses of a new unit is normal. The odor will gradually lessen and disappear.

PARTS DIAGRAM

Check all parts are present and in good condition. Any transportation damages should be reported immediately to the original seller.

See voltage label at bottom of unit for specifications.



SET UP

1. Connect Detachable Connector of Regulator/Filter/Gauge Set to the Compressor Connector that aligns with the handle.
2. Screw the Curly Air Hose onto the Compressor Air Outlet and Regulator Air Inlet.
3. Screw the Braided Air Hose onto the Regulator Air Outlet and airbrush.

NOTE: If your airbrush fitting is different from the hose fitting of 1/8" PS, an additional airbrush adaptor is required between the airbrush and the hose for connection. Please check with your original seller on the adaptor required.

OPERATION

1. Plug the compressor into a wall socket that supplies matching voltage and frequency to those indicated on the voltage label of the unit.
2. Flip the On/Off Switch to I (On) to turn on the compressor. The compressor will continue to run until it reaches the Auto Stop Pressure Switch Auto OFF setting of 60 PSI.
3. Pull up the Pressure Regulator Knob and turn clockwise until you hear a click, which indicates the pressure is turned up to its maximum.
4. Press the airbrush trigger and check the Pressure Gauge reading. This is the maximum allowable working pressure of this specific airbrush-compressor combination.
5. To adjust working pressure, pull up the Pressure Regulator Knob, and with the airbrush trigger still depressed: turn the Knob counter-clockwise to decrease, clockwise to increase. Push down the Knob to lock into the pressure setting.
6. Once the pressure drops to the Auto Stop Pressure Switch Auto ON setting of 40 PSI during airbrushing, the compressor will automatically start again until it reaches the auto OFF setting of 60 PSI.
7. Continuous operation of the compressor is suggested for no more than 1 hour with the Auto Stop Pressure Switch in action. Turn off the compressor by flipping the On/Off Switch to 0 (OFF), and allow it to cool for 10~15 minutes before turning it back on.

CAUTION: If the Auto Stop function does not activate, and the compressor is running non-stop, limit continuous use to 40 minutes, and do not allow the compressor to run above 80 psi.

8. For safety purpose, the compressor is equipped with a thermal switch. If the temperature rise reaches the thermal limit, the compressor will shut down automatically. Turn off the compressor and allow it to cool for 10~15 minutes before turning it back on.
9. At the end of each session, turn off, unplug the compressor, and follow the **MAINTENANCE** instructions.

MAINTENANCE

1. Push up the Filter Drain Valve to release built up moisture and condensed water.
2. Release remaining pressure by pressing the airbrush trigger.

TROUBLESHOOTING

Auto Stop Turns the Compressor On and Off Without Airbrush Trigger Depressed

1. Apply soap water at connections, tighten connections with bubbling which indicates air leak.
2. Inspect the hose for damage or try using another hose.

Other Issues

For all other issues including, but not limited to the below, please turn off the compressor, contact the original seller with a description of the issue encountered, serial number on the voltage label, working conditions, i.e. frequency and duration of each continuous use, purchase date, and how long was the unit used since initial purchase.

1. No pressure.
2. Low pressure.
3. Auto Stop does not activate.
4. Motor doesn't run, note whether there is humming sound.

WARRANTY

Each SPARMAX compressor is tested and fully inspected to ensure its quality and performance at the time of factory dispatch. Warranted for **TWO** years from date of factory dispatch against workmanship or material defect resulting in inoperable compressor. Exclude parts subject to wear: auto stop pressure switch, piston set, etc. and damage or loss caused by improper use, unauthorized alteration and negligence.