



**iwata** *studio series*

# TUBULAR SERIES

AIR COMPRESSORS **IS-875HT and IS-925HT**



**IWATA STUDIO SERIES TUBULAR SERIES AIR COMPRESSORS — IS-875HT and IS-925HT**

*Congratulations on your new purchase! The Iwata Tubular Series Air Compressors deliver quiet, clean, pulse free air along with superb moisture separation and precise air pressure adjustment.*



# NEED ASSISTANCE ?

**If you have any issues or warranty service questions, contact your local ANEST IWATA affiliate before returning to your place of purchase.**

**ANEST IWATA-MEDEA, INC.**

Portland, Oregon U.S.A.  
+1-503-253-7308 (M-F)  
info@iwata-medea.com  
www.iwata-medea.com

**ANEST IWATA SOUTH-EAST ASIA CO., LTD.**

Bangkok, Thailand  
+66-(0)-2643-2870  
www.anest-iwatasoutheastasia.com

**ANEST IWATA SOUTH AFRICA (PTY) LTD.**

Johannesburg, Republic of South Africa  
+27-11-463-2169/2265/2223  
www.anest-iwata.co.za

**ANEST IWATA CORPORATION**

Yokohama, Japan  
+81-(0)45-591-1111  
www.anest-iwata.co.jp

**ANEST IWATA STRATEGIC CENTER**

Cardano al Campo, Italy  
+39-0331-733120  
www.anest-iwataeu.com

**ANEST IWATA SHANGHAI**

Shanghai, China  
+86-(0)21-6407-9713 / 15 / 16  
www.anest-iwata-sh.com

**ANEST IWATA RUS LLC**

Moscow, Russia  
+7-495-938-77-28  
www.anestiwata.ru

**ANEST IWATA AUSTRALIA PTY LTD.**

Mt. Druitt, NSW  
+61-(02)-9853-2000  
www.anest-iwata.com.au

**ANEST IWATA (U.K.) LTD.**

Neots Cambs, England  
+44-(0)1480-405419  
www.anest-iwata.co.uk

**ANEST IWATA MOTHERSON LTD.**

Uttar Pradesh, India  
+91-(0)120-4600500 / 14 / 17  
www.aircompressors.com

**CENTURY TRADING CO., LTD.**

Seoul, Korea  
82-2-2163-0300  
www.centrating.co.kr

### The Carry Handle Is The Air Storage Tank

#### Oil-Less Piston Compressor

Oil-less means oil-less. The compressor uses PTFE gaskets to seal the compression chamber. This allows the compressor to be quiet without atomizing oil into the air stream, which makes the compressor virtually maintenance free.

#### Air Pressure Adjustment Knob

Though not a full regulator, the air pressure adjustment knob allows control of the air pressure. It also doubles as the moisture release valve.

#### Moisture Trap Assembly

The moisture trap filters out the water and debris down to 5 microns.

#### Air Pressure Gauge

Don't guess what pressure you're spraying at — know it! Your “working pressure” (or “working psi”) is what the gauge shows while you have your trigger pressed down.

#### Power Switch

You don't have to unplug the compressor when you want it to stop, just flip the switch.

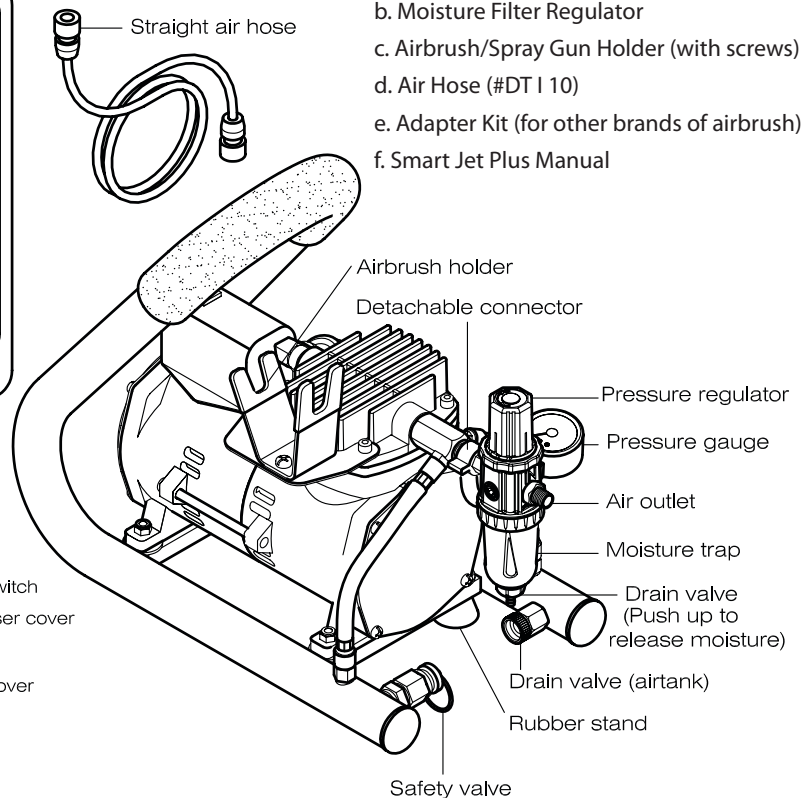
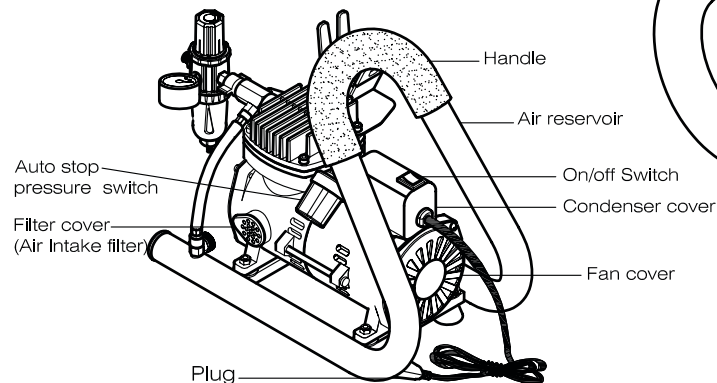
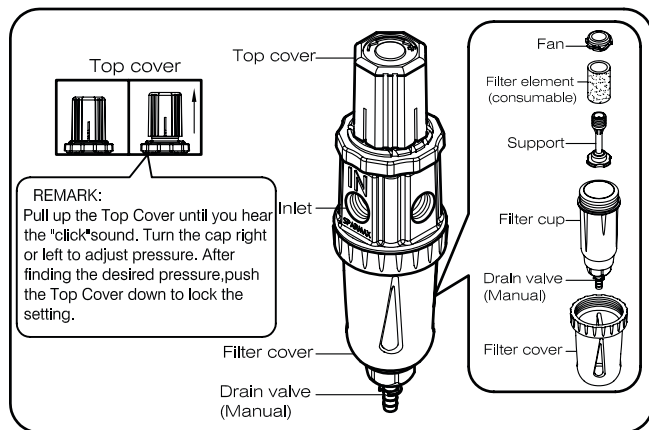
#### Thermal Overload Switch

If the compressor ever decides to overheat, the Thermal Overload Switch will turn off your compressor. If this switch cuts in, it's saving your compressor. Let it cool down. The switch will automatically reset itself.

#### Voltage

If you bought the compressor in the country you're going to use it, it's completely ready to go. If you're going to transfer the compressor to another country with a different voltage, you'll need a plug adapter and the appropriate power converter. **WARNING: Using a plug adapter and power converter may cause unit to overheat. Any issues resulting from the use of a power adapter and/or power converter are not covered under the Anest Iwata-Medea warranty.**

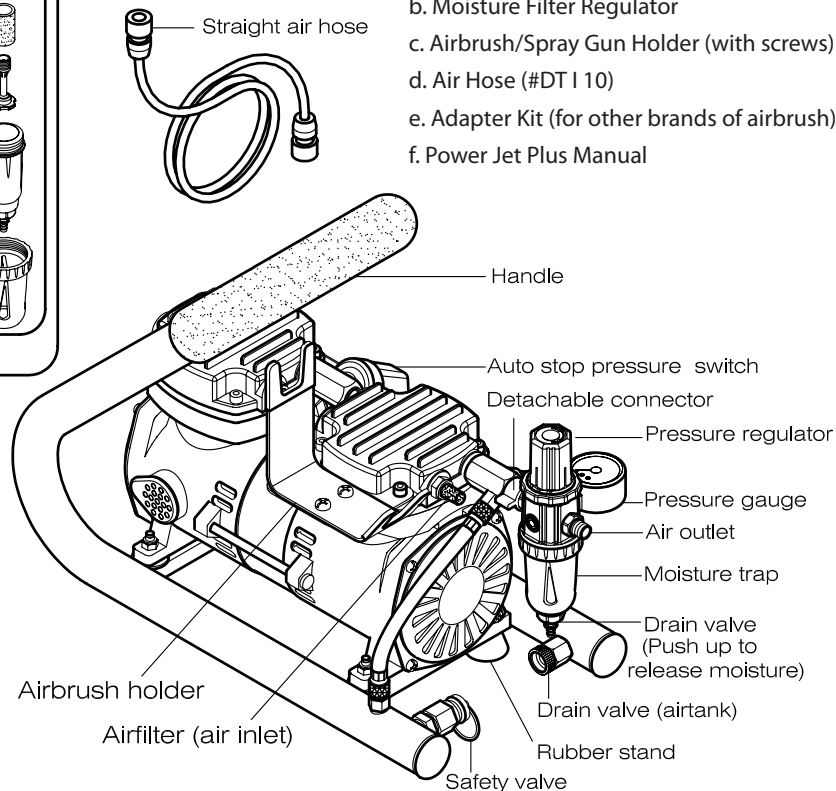
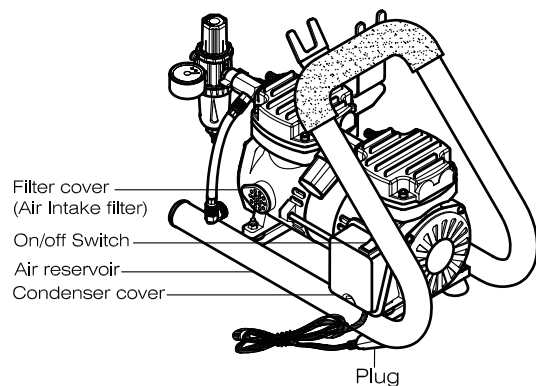
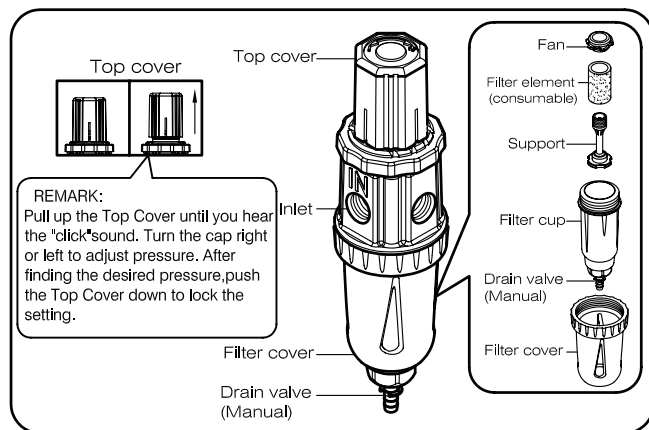
## EXPLODED DIAGRAM - SMART JET PLUS IS-875HT



Unpack the compressor and all packaged components. Enclosed you'll find:

- Smart Jet Plus Compressor (#IS-875HT)
- Moisture Filter Regulator
- Airbrush/Spray Gun Holder (with screws)
- Air Hose (#DT I 10)
- Adapter Kit (for other brands of airbrush)
- Smart Jet Plus Manual

## EXPLODED DIAGRAM - POWER JET PLUS IS-925HT



Unpack the compressor and all packaged components. Enclosed you'll find:

- Power Jet Plus Compressor (#IS-925HT)
- Moisture Filter Regulator
- Airbrush/Spray Gun Holder (with screws)
- Air Hose (#DT I 10)
- Adapter Kit (for other brands of airbrush)
- Power Jet Plus Manual

## GETTING STARTED

1. Screw the moisture filter regulator onto 1/4" fitting on compressor.
2. Screw airbrush.spray gun holder onto side metal plate with provided screws.
3. Screw the coiled air hose onto the compressor.
4. Screw the other end of the coiled air hose onto the moisture trap's small screw.
5. Screw the straight air hose's big end onto the moisture trap's big screw.
6. Screw the straight air hose's small end onto the airbrush.
  - a. Note: If you're using a brand of airbrush other than Iwata, use the appropriate adapter from the adapter kit. You might have to try them out to see which one is right.
7. Place the moisture trap into the compressor's front-mounted metal ring. The moisture trap should snap into place. By snapping into place it will not rattle when the unit is running.
8. The airbrush should fit into the black airbrush holder by placing the front end of the airbrush into the holder.
9. Plug the compressor into a grounded wall outlet. (Avoid using an extension cord.)
10. Turn the compressor ON by pressing down the switch on top of the unit. The unit will run for a couple seconds then stop. This is OK! When you push down the trigger on your airbrush, the compressor will come on and when you release the trigger the unit will stop. This is the Auto Shut-Off feature effect. This feature will prolong the life of your motor since the unit doesn't run the whole time it's turned on.
11. As the unit is being used, water may collect in the moisture trap's clear, plastic bowl. Release the water by following the maintenance instructions on page 9.

## **REGULATING THE PRESSURE**

1. When you first hook up your airbrush to your compressor and depress the trigger of your airbrush, the pressure that registers on your gauge is called your “working pressure.” Your working pressure can vary depending on the size of your airbrush’s nozzle. The smaller the nozzle size, the higher your working pressure. An average nozzle size of 0.3 mm will expend a working pressure of approximately 25-28 psi with the Smart Jet.
2. You cannot increase your working pressure, but you can decrease your working pressure by using the air adjustment knob to open the bleed valve.
3. Adjust the air pressure by turning the air adjustment knob toward the “+” or “-” while spraying air from the airbrush.

## **ENDING A SESSION**

1. Release any built-up moisture by following the maintenance instructions below.
2. Turn off the compressor.
3. Release any leftover air by pressing down on your airbrush trigger (being careful of any excess paint) or unscrewing your airbrush from the air hose.



### Releasing Built-Up Moisture

- Release the water by twisting the dial toward the “–” sign.
- This will open the bleed valve and drain off the collected moisture.
- Hold a paper towel under the open valve to collect the water.
- Do not let excess water build up in the moisture trap.

### Changing The Air Filter

The filter only needs to be changed if it's significantly dirty or dirty enough to cut air flow into the compressor.

- Use your finger to pull the black tab out
- Pull out the sponge-like air-filter
- Replace with new air filter (Part # IS 030 – 10 pack)
- Please inspect your air filter once per week with heavy compressor use.

***DO NOT use oil in/on the compressor.***

### **Compressor turns on and off while airbrush is not spraying air.**

The compressor has an air leak somewhere. When this happens, try the following steps:

1. Spray all connections with a soapy water solution.
2. Bubbles indicate an air leak.
3. Tighten connection.
4. If bubbling doesn't stop, try wrapping threads with thread sealant tape (max 3 wraps only) or applying beeswax to the threads. Both methods provide an airtight seal.
5. If the air leak is in the middle of a hose the hose will need to be replaced.

**For any other problems or issues call or contact ANEST IWATA-MEDEA at 503-253-7308 or email at: [info@iwata-medea.com](mailto:info@iwata-medea.com)**

## WARRANTY

All Iwata compressors are *Warranted* against all manufacturing defects of material and manufacture or workmanship for a period of ONE year from the date of purchase\*. This warranty does not cover intake air filters as periodic replacement of these parts is REQUIRED due to normal wear. Any part or material that is or becomes defective so as not to be usable within this period will be repaired or replaced. This warranty does not cover damage caused by negligence or a compressor that has been altered or abused in any way.

Call or email Anest Iwata-Medea before returning a compressor for the appropriate procedure for warranty repairs. Any material that is shipped to Anest Iwata-Medea without prior authorization will not be accepted.

- Anest Iwata-Medea offers technical support over the phone at no charge. **Call Customer Care at 503-253-7308 Monday – Friday, 8am – 4:30pm Pacific Time.** Telephone support includes general usage information, cleaning tips, and troubleshooting.
- **NOTE:** All compressors returned for repair must have a Return Authorization Number. Please call 503-253-7308 to obtain an RA number, instructions and shipping address.

Warranty service will be provided only at authorized Anest Iwata-Medea service centers. You must pay all charges for shipping/transporting your Iwata Studio Series Compressor to/from these service facilities.

*Anest Iwata-Medea, Inc. will not be responsible for damage to persons or property, commercial loss or any other incidental or consequential damage caused by a defective compressor. However, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.*

*All implied warranties, including any warranty of merchantability or fitness are limited to the duration of this written warranty. However, some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.*

*\* Please keep the sales receipt.*

*Genuine Iwata*

**iwata**  
by **ANEST IWATA**

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