

## Iwata IS 875

# Iwata-Medea Studio Series Smart Jet Pro Air Compressor (Model IS 875) Instruction Manual

Model: IS 875 | Brand: Iwata

## 1. INTRODUCTION

The Iwata-Medea Studio Series Smart Jet Pro is a single-piston, oil-less air compressor designed for airbrush applications. This unit features an auto shut-off function, an adjustable air-pressure gauge, and a moisture filter. It is engineered for quiet operation and reliability, making it suitable for both occasional and professional artists. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Smart Jet Pro compressor.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the compressor. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always operate the compressor in a well-ventilated area.
- Do not use near flammable liquids or gases.
- Ensure the power cord is undamaged and properly grounded.
- Disconnect power before performing any maintenance or cleaning.
- Keep children and pets away from the compressor during operation.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Iwata-Medea Studio Series Smart Jet Pro Air Compressor (Model IS 875)
- High-strength polyurethane air hose
- Moisture filter (pre-installed)
- Instruction Manual (this document)

## 4. PRODUCT OVERVIEW

The Smart Jet Pro compressor features a compact design with an all-metal protective case and a convenient carrying handle. Key components include the air pressure gauge, pressure regulator knob, and moisture filter.



Figure 1: Front view of the Iwata-Medea Smart Jet Pro Air Compressor, showing the pressure gauge, regulator, and included air hose.



Figure 2: Side view of the compressor, highlighting the integrated moisture filter and pressure adjustment knob.

## 5. SETUP

1. **Placement:** Place the compressor on a stable, level surface in a clean, well-ventilated area. Ensure adequate space around the unit for air circulation.
2. **Connect Air Hose:** Connect one end of the provided air hose to the air outlet on the compressor. Connect the other end to your airbrush. Ensure connections are secure to prevent air leaks.
3. **Power Connection:** Plug the compressor's power cord into a standard 120V AC electrical outlet.

## 6. OPERATING INSTRUCTIONS

1. **Power On:** Flip the power switch located on the top of the compressor to the "ON" position. The compressor will start running.
2. **Adjust Air Pressure:** Use the pressure regulator knob (typically located near the air outlet and gauge) to adjust the desired air pressure. Turn clockwise to increase pressure and counter-clockwise to decrease. Monitor the air pressure gauge for accurate readings. The maximum operating pressure is 35 PSI.

- 3. **Auto Shut-Off Feature:** The Smart Jet Pro features an automatic shut-off function. When the airbrush trigger is released and air flow stops, the compressor will automatically turn off to conserve energy and reduce wear. It will restart automatically when the airbrush trigger is pressed again.
- 4. **Begin Airbrushing:** Once the desired pressure is set, you can begin your airbrushing work.
- 5. **Power Off:** After use, flip the power switch to the "OFF" position and unplug the compressor from the power outlet.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your compressor.

- **Moisture Filter Drainage:** The integrated moisture filter collects condensation. Periodically check the filter bowl for accumulated water. To drain, ensure the compressor is off and depress the small valve at the bottom of the filter bowl to release the water.
- **Cleaning:** Wipe the exterior of the compressor with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no liquids enter the internal components.
- **Air Filter:** The compressor is designed with an internal air filter. No user-serviceable air filter replacement is typically required for this model.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Compressor does not turn on.	No power, loose connection, power switch off.	Check power cord connection, ensure outlet is functional, verify power switch is ON.
Low or no air pressure.	Regulator set too low, air leaks, clogged airbrush.	Adjust pressure regulator, check hose connections for leaks, clean airbrush.
Compressor runs continuously.	Air leak in system, airbrush trigger stuck open.	Check all connections for leaks, ensure airbrush trigger is fully released.
Excessive moisture in air line.	Moisture filter needs draining.	Drain the moisture filter as described in the Maintenance section.

9. SPECIFICATIONS

Technical specifications for the Iwata-Medea Studio Series Smart Jet Pro Air Compressor (Model IS 875).



Figure 3: Product dimensions of the Iwata-Medea Smart Jet Pro Air Compressor.

Feature	Specification
Model Name	IS 875
Brand	Iwata
Voltage	120 Volts
Power Source	Corded Electric
Noise Level	50 Decibels
Maximum Operating Pressure	35 PSI (Pound per Square Inch)
Motor Horsepower	0.13 HP (1/8 hp)
Item Weight	12.67 pounds (5.76 Kilograms)
Product Dimensions (L x W x H)	6.18" x 8.65" x 2.25"
Special Feature	Moisture Filter, Auto Shut-Off
Included Components	Filter, Air Hose

Feature	Specification
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## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Iwata customer service. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, visit the official Iwata website or contact their authorized service centers.

