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> Iwata Ninja Jet Airbrush Compressor (Model IS 35) Instruction Manual

## Iwata IS 35

# Iwata Ninja Jet Airbrush Compressor (Model IS 35) Instruction Manual

Your guide to setup, operation, and maintenance.

## 1. INTRODUCTION

Thank you for choosing the Iwata Ninja Jet Airbrush Compressor, Model IS 35. This compact, quiet, and maintenance-free air compressor is designed for hobbyists, artists, and professionals in cake and model painting. It provides consistent, adjustable air pressure for a variety of airbrushing applications. This manual provides essential information for the safe and effective use of your new compressor.



Figure 1: Iwata Ninja Jet Airbrush Compressor (Model IS 35) with coiled hose.

## 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 not damaged and is properly grounded.
- Keep children and pets away from the compressor during operation.
- Never point an airbrush at yourself or others.
- Wear appropriate personal protective equipment, including eye protection and a respirator, when airbrushing.
- Disconnect the power supply before performing any maintenance or cleaning.
- Do not modify the compressor or its components.

## 3. SETUP

Follow these steps to set up your Iwata Ninja Jet Airbrush Compressor:

1. **Placement:** Place the compressor on a stable, level surface in a well-ventilated area. Ensure there is adequate space around the unit for air circulation.
2. **Connect Air Hose:** Attach one end of the high-strength polyurethane air hose to the air outlet on the compressor. Ensure a secure connection.
3. **Connect Airbrush:** Attach the other end of the air hose to your airbrush. If your airbrush has a different thread size, use one of the included air hose adaptors (for Badger, Aztek, or Paasche brands) to ensure compatibility.
4. **Power Connection:** Plug the compressor's power cord into a standard 110-120V electrical outlet.



Figure 2: Compressor connected to an airbrush via the coiled hose.

## 4. OPERATING INSTRUCTIONS

Operating your Iwata Ninja Jet Airbrush Compressor is straightforward:

1. **Power On:** Locate the power switch on the compressor and turn it to the 'ON' position. The compressor will begin to run, building up air pressure.
2. **Adjust Air Pressure:** The Ninja Jet features adjustable air pressure. Use the pressure adjustment knob (typically a dial with '+' and '-' markings) to set the desired air pressure for your airbrushing task. The operating pressure range is approximately 5-18 PSI.
3. **Begin Airbrushing:** Once the desired pressure is set, you can begin airbrushing. The compressor is designed for continuous operation and will maintain consistent airflow.
4. **Airbrush Holder:** Utilize the built-in airbrush holder to safely rest your airbrush when not in use.
5. **Power Off:** When finished, turn the power switch to the 'OFF' position and disconnect the compressor from the power outlet.

## 5. MAINTENANCE

The Iwata Ninja Jet Airbrush Compressor is designed for low-maintenance, oil-less operation. Regular cleaning of your airbrush is crucial for optimal performance.

- **Airbrush Cleaning:** Always clean your airbrush thoroughly after each use to prevent paint from drying and clogging the nozzle. Refer to your airbrush's instruction manual for specific cleaning procedures.
- **Compressor Exterior:** Keep the exterior of the compressor clean by wiping it with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Air Filter:** The oil-less piston design means no oil changes are required. Periodically check the air intake filter (if accessible) for dust buildup and clean or replace as needed to ensure proper airflow.

## 6. TROUBLESHOOTING

If you encounter issues with your compressor, try the following solutions:

- **No Power:**
  - Check if the power cord is securely plugged into a working outlet.
  - Ensure the power switch is in the 'ON' position.
  - Verify the outlet is receiving power (test with another appliance).
- **No Airflow or Low Pressure:**
  - Check all hose connections for leaks. Tighten any loose connections.
  - Ensure your airbrush is not clogged. Clean the airbrush thoroughly.
  - Verify the pressure adjustment knob is set correctly.
- **Excessive Noise or Vibration:**
  - Ensure the compressor is on a stable, level surface.
  - Check for any loose components or screws.
  - If the noise is unusual or persistent, contact customer support.
- **Moisture in Airbrush Line:**
  - While the Ninja Jet is designed to minimize moisture, in high humidity environments, some condensation can occur. Consider adding an external inline moisture trap (sold separately) between the compressor and your airbrush.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Iwata
Model Name	Ninja Jet
Model Number	IS 35
Voltage	110-120V
Power Source	Corded Electric
Motor Horsepower	0.08 HP
Max Power	0.2 HP

Feature	Detail
Air Flow Capacity	0.15 - 0.30 CFM (5 - 6 LPM)
PSI Range	5 - 18 PSI
Noise Level	62 Decibels
Dimensions (L x W x H)	8.65" x 6.18" x 2.25"
Color	Black/Silver
Material Type	Polyurethane (hose)
Included Components	Built-in airbrush holder, high-strength polyurethane hose, air hose adaptors for Badger, Aztek and Paasche brand airbrushes, detailed operation manual

Horse Power	Tank Size	CFM	Voltage
1/12 HP		.15 -.30cfm (5 – 6lpm)	115v/60hz

  

PSI	Shipping Weight	Product Name	Item No.
5 – 18 psi	5.9 Pounds	Ninja Jet	IS-35

Figure 3: Detailed specifications for the Iwata Ninja Jet Airbrush Compressor.



Figure 4: Physical dimensions of the Iwata Ninja Jet Airbrush Compressor.

## 8. WARRANTY

The Iwata Ninja Jet Airbrush Compressor comes with a **5 YEAR LIMITED** manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For full details on warranty coverage and terms, refer to the detailed operation manual included with your product.

## **9. SUPPORT**

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please contact Iwata customer support. Contact information can typically be found in the detailed operation manual or on the official Iwata website.