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› INGCO 20V Cordless Paint Spray Machine Instruction Manual

Ingco **INGCO**

INGCO 20V Cordless Paint Spray Machine Instruction Manual

Model: INGCO

IMPORTANT SAFETY INSTRUCTIONS

Read all safety warnings and instructions before operating this paint spray machine. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including safety glasses, gloves, and a respirator, especially when spraying paints or chemicals.
- Ensure the work area is well-ventilated to prevent the accumulation of flammable vapors.
- Keep children and bystanders away while operating the spray machine.
- Do not spray flammable liquids near open flames, pilot lights, or other ignition sources.
- Always disconnect the battery pack before cleaning, adjusting, or performing maintenance on the spray gun.
- Never immerse the spray gun in water or other liquids.
- Use only manufacturer-recommended accessories and replacement parts.
- Store the spray gun and battery pack in a dry, secure location out of reach of children.

PRODUCT OVERVIEW

The INGCO 20V Cordless Paint Spray Machine is designed for efficient application of various paints and coatings. Its cordless design offers freedom of movement for painting tasks on wood, metallic surfaces, walls, and ceilings.

Components



Figure 1: Main components of the INGCO 20V Cordless Paint Spray Machine, including the spray gun body, 800ml paint container, 20V battery pack, and fast charger.

P20S

Quick Disassembly Button

Adjustable Nozzle With Three Types

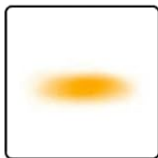
Variable Speed Switch

Rubber Covered

High quality 2.0AH Lithium battery



Horizontal



Vertical



Circular

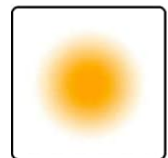


Figure 2: Key features of the spray gun, highlighting the quick disassembly button, adjustable nozzle with three types, variable speed switch, flow adjustable design, rubber-covered grip, and the 2.0Ah Lithium battery connection.

- **Spray Gun Body:** Main unit housing the motor and controls.
- **Paint Container (800ml):** Holds the paint or coating material.
- **20V Battery Pack:** Provides cordless power.
- **Fast Charger:** For recharging the battery pack.
- **Viscosity Measuring Cup:** Used to determine paint viscosity.
- **Nozzle Cleaning Needle:** For clearing clogged nozzles.
- **Adjustable Nozzle:** Allows selection of horizontal, vertical, or circular spray patterns.
- **Variable Speed Switch:** Controls the motor speed and paint flow.
- **Quick Disassembly Button:** For easy separation of the front end for cleaning.

Specifications

Parameter Information

- Voltage:20V
- Spraying Pressure:0.1-0.2Bar
- Max flow:600ml/min
- Max. viscosity:40DIN-s
- Container capacity:800ml
- Accessories:
 - 1x viscosity measuring cup
 - 1x nozzle cleaning needle
 - NO battery and charger included
 - Packed by color box



Figure 3: Detailed parameter information for the INGCO 20V Cordless Paint Spray Machine.

Parameter	Value
Voltage	20V
Spraying Pressure	0.1-0.2 Bar
Max. Flow	600 ml/min
Max. Viscosity	40 DIN-s
Container Capacity	800 ml
Charge Voltage	220V-240V~50/60Hz
Material	Copper (nozzle and core)
Item Weight	2 kg
Product Dimensions	36 x 25 x 11.5 cm

SETUP AND PREPARATION

1. **Charge the Battery:** Connect the battery pack to the fast charger and plug the charger into a power outlet. Ensure the battery is fully charged before use.
2. **Prepare the Work Area:** Ensure the area is clean, well-ventilated, and free from obstructions. Cover any surfaces not intended for painting.
3. **Prepare the Paint:**
 - Stir the paint thoroughly.
 - Test the paint viscosity using the provided measuring cup. Fill the cup with paint and time how long it takes for the paint to flow out completely. Refer to your paint manufacturer's recommendations for ideal spray viscosity. If the paint is too thick, thin it with the appropriate solvent (water for latex, mineral spirits for oil-based) until the desired viscosity is achieved.
4. **Fill the Container:** Unscrew the paint container from the spray gun. Pour the prepared paint into the container, ensuring not to overfill. Securely reattach the container to the spray gun.
5. **Select Spray Pattern:** Rotate the adjustable nozzle to select the desired spray pattern:
 - **Horizontal:** For spraying horizontal surfaces.
 - **Vertical:** For spraying vertical surfaces.
 - **Circular:** For small areas or detailed work.



Figure 4: Nozzle adjustment for different spray patterns.

6. **Install Battery:** Slide the charged 20V battery pack into the battery slot on the spray gun until it clicks into place.

OPERATING INSTRUCTIONS

1. **Test Spray:** Before applying paint to your project, perform a test spray on a piece of scrap material to check the spray pattern and flow rate. Adjust the variable speed switch and nozzle as needed.
2. **Spraying Technique:**
 - Hold the spray gun approximately 6-12 inches (15-30 cm) from the surface.
 - Maintain a consistent distance and speed for an even finish.
 - Move the spray gun in smooth, overlapping passes.
 - Release the trigger at the end of each pass to avoid paint buildup.
 - Apply multiple thin coats rather than one thick coat to prevent drips and runs.



Figure 5: Examples of the INGCO paint sprayer being used for different applications.

3. **Adjusting Flow:** Use the flow adjustable design knob (typically located near the trigger) to increase or decrease the paint flow rate according to your needs and paint consistency.
4. **Stopping Operation:** Release the trigger to stop spraying. For longer breaks, remove the battery pack.

MAINTENANCE AND CLEANING

Proper cleaning after each use is crucial for the longevity and performance of your paint spray machine.

1. **Disconnect Power:** Always remove the battery pack before cleaning.
2. **Empty Paint Container:** Unscrew the paint container and pour any remaining paint back into its original can.
3. **Initial Rinse:** Fill the container with the appropriate cleaning solution (water for latex paint, mineral spirits for oil-based paint). Reattach the container and spray the cleaning solution into a waste container until clear.
4. **Disassemble and Clean:**
 - Press the quick disassembly button to separate the front end of the spray gun.
 - Carefully remove the nozzle, air cap, and paint tube.
 - Clean all disassembled parts thoroughly with the appropriate cleaning solution and a brush. Use the nozzle

cleaning needle to clear any blockages in the nozzle.

- Wipe down the exterior of the spray gun with a damp cloth. Do not immerse the main body in liquid.

5. **Reassemble:** Ensure all parts are dry before reassembling the spray gun.

6. **Storage:** Store the clean, dry spray gun in a safe, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No spray or weak spray	• Clogged nozzle or air cap • Paint too thick • Empty paint container • Battery not charged or improperly installed	• Clean nozzle and air cap with cleaning needle. • Thin paint to recommended viscosity. • Refill paint container. • Charge battery and ensure proper installation.
Uneven spray pattern	• Partially clogged nozzle • Incorrect nozzle setting • Inconsistent spraying distance or speed	• Clean nozzle thoroughly. • Adjust nozzle to desired pattern. • Maintain consistent distance and speed.
Paint drips or runs	• Paint too thin • Spraying too close to surface • Applying too much paint per coat	• Adjust paint viscosity (thicken if necessary). • Increase spraying distance. • Apply thinner, more even coats.

WARRANTY AND SUPPORT

INGCO provides a six-month warranty for this product. If you encounter any issues or have questions regarding the operation or maintenance of your INGCO 20V Cordless Paint Spray Machine, please contact INGCO customer service or your retailer for assistance.

Extended warranty options may be available through third-party providers. Please refer to the specific terms and conditions of any extended warranty purchased.

- **Manufacturer:** Ingco
- **Model Number:** INGCO
- **ASIN:** B0CS5MXHXX

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