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> Videojet V902-Q Cleaning Solution for 1000 Series Continuous Inkjet Printer

CIJPARTS V902-Q

Instruction Manual: Videojet V902-Q Cleaning Solution

For 1000 Series Continuous Inkjet Printers

1. INTRODUCTION

This manual provides essential information for the safe and effective use of the CIJPARTS Videojet V902-Q Cleaning Solution. This solution is specifically designed for maintaining Videojet 1000 Series Continuous Inkjet (CIJ) Printers, ensuring optimal performance and longevity of your equipment. Please read this manual thoroughly before use.

2. PRODUCT OVERVIEW

The Videojet V902-Q Cleaning Solution is a high-quality consumable designed for the routine maintenance and cleaning of Videojet 1000 Series Continuous Inkjet Printers. It helps to dissolve and remove ink residues, ensuring clear print quality and preventing clogs in the printer's ink system.



Figure 1: Bottle of Videojet V902-Q Cleaning Solution. The bottle is white with a red cap, featuring a label with "VIDEOJET" logo and "Cleaning Solution V902-Q" text.

Product Family: Continuous Inkjet (CIJ)

Product Type: Consumables

Part Number: V902-Q

3. SAFETY INFORMATION

Always prioritize safety when handling cleaning solutions. This product may contain chemicals that can be harmful if not handled properly.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including chemical-resistant gloves and eye protection (safety glasses or goggles), when handling the cleaning solution.
- **Ventilation:** Use in a well-ventilated area to avoid inhalation of vapors. If adequate ventilation is not available, consider using respiratory protection.
- **Flammability:** This solution may be flammable. Keep away from open flames, sparks, and hot surfaces. Do not smoke while handling.
- **Skin and Eye Contact:** In case of contact with skin, wash thoroughly with soap and water. In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Storage:** Store in a cool, dry, well-ventilated place, away from incompatible materials and direct sunlight. Keep container tightly closed when not in use.
- **Material Safety Data Sheet (MSDS):** Refer to the product's Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS) for comprehensive safety information, handling procedures, and emergency measures.

4. SETUP AND PREPARATION

Before using the V902-Q Cleaning Solution, ensure the following preparatory steps are completed:

1. **Printer Status:** Turn off the Videojet 1000 Series CIJ printer and disconnect it from the power source before beginning any cleaning procedures. Allow the printer to cool down if it has been recently in operation.
2. **Work Area:** Prepare a clean, well-ventilated work area. Lay down absorbent mats or towels to catch any spills.
3. **PPE:** Don your personal protective equipment, including safety glasses and chemical-resistant gloves.
4. **Tools:** Gather any necessary tools for accessing printer components, such as wrenches or screwdrivers, as specified in your printer's service manual.

5. OPERATING INSTRUCTIONS

The V902-Q Cleaning Solution is used for flushing and cleaning various components of the Videojet 1000 Series CIJ printer. Specific procedures may vary based on the printer model and the component being cleaned. Always refer to your specific Videojet printer's service manual for detailed cleaning instructions.

General Cleaning Procedures:

- **Printhead Cleaning:**

For routine printhead maintenance, carefully apply the cleaning solution to a lint-free cloth and gently wipe the exterior surfaces of the printhead to remove accumulated ink and dust. For internal cleaning or flushing, follow the specific procedures outlined in your printer's service manual, which may involve using the solution to flush ink lines or nozzles.
- **Ink Line Flushing:**

If ink lines are clogged or require flushing due to ink type change, the V902-Q solution can be used. This typically involves connecting the solution bottle to the printer's ink system via a service port and running a flushing cycle. Consult your printer's manual for the correct procedure to avoid damage.
- **Component Cleaning:**

Use the solution to clean other ink-contacting components that can be safely removed and cleaned

externally. Always ensure components are completely dry before reassembly and printer operation.

Important: Never mix the V902-Q Cleaning Solution with other cleaning agents or inks unless explicitly stated by Videojet or CIJPARTS. Always ensure the printer is completely dry and free of cleaning solution before restarting operation.

6. MAINTENANCE AND STORAGE

Proper storage of the V902-Q Cleaning Solution is crucial for maintaining its effectiveness and ensuring safety.

- **Storage Conditions:** Store the solution in its original, tightly sealed container in a cool, dry, and well-ventilated area. Avoid direct sunlight and extreme temperatures.
- **Temperature Range:** Maintain storage temperatures between 5°C and 35°C (41°F and 95°F).
- **Keep Away From:** Store away from sources of ignition, oxidizing agents, strong acids, and strong bases.
- **Shelf Life:** Refer to the product label or manufacturer's specifications for the recommended shelf life. Dispose of expired solution properly.

7. TROUBLESHOOTING

If you encounter issues during or after using the cleaning solution, consider the following:

Problem	Possible Cause	Solution
Residue after cleaning	Insufficient rinsing; solution not fully evaporated; old solution.	Ensure thorough rinsing with appropriate solvent (if required by printer manual) or allow sufficient time for evaporation. Use fresh solution.
Printer still shows clogging/poor print quality after cleaning	Severe clog; incorrect cleaning procedure; damaged component.	Repeat cleaning procedure. Consult your printer's service manual for advanced cleaning steps. If problem persists, contact technical support.
Solution not effectively cleaning	Incorrect application; expired solution; incompatible ink type.	Verify application method with printer manual. Check solution expiry date. Ensure V902-Q is compatible with your ink type (generally universal for CIJ cleaning).

For issues not covered here, or if problems persist, please contact CIJPARTS customer support or a certified Videojet technician.

8. SPECIFICATIONS

Attribute	Detail
Brand	CIJPARTS
Model	V902-Q
Part Number	V902-Q
Product Dimensions	20.32 x 20.32 x 20.32 cm
Item Weight	1.04 kg
Manufacturer	Cijprinter

Attribute	Detail
Compatibility	Videojet 1000 Series Continuous Inkjet Printers

9. DISPOSAL INFORMATION

Proper disposal of used cleaning solution and empty containers is essential to protect the environment and comply with local regulations.

- **Chemical Waste:** Do not dispose of cleaning solution down drains or into the environment. It must be treated as chemical waste.
- **Local Regulations:** Consult local environmental regulations and authorities for proper disposal methods of chemical waste.
- **Container Disposal:** Empty containers should be rinsed thoroughly and disposed of according to local regulations for plastic waste, or as hazardous waste if residual chemicals remain.

10. WARRANTY AND SUPPORT

For information regarding the warranty of the Videojet V902-Q Cleaning Solution, please refer to the purchase documentation or contact your supplier, CIJPARTS, directly. Warranty terms typically cover manufacturing defects. For technical support, questions about product compatibility, or assistance with specific cleaning procedures, please reach out to CIJPARTS customer service or a qualified Videojet service technician.

Contact Information: Please refer to the CIJPARTS official website or your purchase invoice for the most current contact details.