

ESTEAM CLEANING SYSTEMS

NINJA MISTER

OWNER'S MANUAL

Congratulations on your selection of a new Ninja Mister Sprayer built in Canada by “Esteam Cleaning Systems.” Our goal has been to produce the best high performance line of cleaning equipment on the market today. Reading your owner’s manual will help to achieve maximum benefit from your purchase.



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INTRODUCTION

Be it a small residential job or a large commercial contract, Esteam Cleaning Systems industrial cleaning equipment are right for your needs. The Ninja Mister delivers the ultimate in power, capacity, durability, and performance. The Ninja Mister is a lightweight portable electronic sprayer.

Only the highest quality components go into our equipment, to deliver you strength and reliability in a long life high performance machine. All Esteam Cleaning Systems equipment housings are made of high impact, unbreakable polyethylene.

The Ninja Mister incorporates a dual 150-psi demand pumps for single or dual operators.

SPECIFICATIONS NINJA MISTER

	<i>NJA - MIST</i>		
<i>ELECTRICAL</i> Amps Volts	One cord 4 amps 115 volts(220volts)		
<i>PUMP</i>	Dual 150 psi		
<i>SOLUTION TANK</i>	Two 10.5 gallons (40 litres)		
<i>LENGHT</i>	26 inches (66 cm)		
<i>WIDTH</i>	17 inches (43 cm)		
<i>HEIGHT</i>	34 inches (86 cm)		
<i>WEIGHT</i>	70 lbs (49.8 kgs)		

MAINTENANCE

DAILY:

- Rinse out pumps with clean water at conclusion of workday.
- Clean poly housing with mild soap and water.

MONTHLY:

- Clean acorn screen in both tanks.

YEARLY:

- We recommend that a qualified service technician inspect your unit once a year.

PREVENTATIVE MAINTENANCE:

- Never store this unit in a place where there is a possibility of the temperature dropping below 0°C (32°F).

SAFETY INFORMATION

1. Prior to inspection or repair of this machine, disconnect all electrical cords rendering the machine powerless. Failure to do so could result in serious or fatal injury.
2. Inspect unit daily for worn or damaged components. E.g. frayed cord, loose plug, or a plug with missing ground pin, etc.
3. This unit should only be operated when in an upright position on a level surface.
4. Do not operate unit unless it is properly grounded in a 3 pin grounded outlets. Never bend or remove ground pin from plugs.
5. Ensure filters are free from lint or dirt.
6. Do not run unit if pumps are wet. Allow sufficient time for motor to dry before plugging unit in.
7. Do not use solvent-based cleaning products in the Ninja Mister.
8. Do not use solution tanks for storing hoses, cords or accessories
9. When using electrical equipment around water it is important to wear rubber soled shoes and keep machine properly grounded at all times. Failure to do so could result in a fatal electric shock.

OPERATING INSTRUCTIONS

1. Insert electrical cords into 3 pin grounded outlets.
2. 150 PSI pump priming instructions:
 - Fill fresh water tanks
 - Connect solution hose.
 - Turn on pump
 - Depress trigger on spray guns until solution flows freely
 - Machine is ready to use.

OPERATING INSTRUCTIONS (CONTINUED)

DANGER: No solvents of any type may be used in this system at any time. The use of solvents is extremely hazardous resulting in possible fire and/or explosion.

3. Connect solution hoses to the sprayer wand or wands
4. Proceed to apply solution

WARNING: When using electrical equipment around water it is important to wear rubber-soled shoes and keep machine properly grounded at all times. Failure to do so could result in electric shock.

TROUBLE SHOOTING

WARNING: Prior to inspection or repair of this machine, disconnect all electrical cords rendering the machine powerless. Failure to do so could result in serious or fatal injury.

PROBLEM	CAUSE	SOLUTION
1. Entire unit will not operate	1. Unit not plugged in	1. Connect unit to 3 pin grounded outlets
	2. Loose wiring	2. See dealer
2. Pump will not run	1. Switch not turned on	1. Turn on switch
	2. Broken switch	2. See dealer
	3. Loose wiring	3. See dealer
	4. Pump motor defective	4. See dealer
4. Pump runs but does not pump solution	1. Out of solution	1. Fill solution
	2. Pump inlet screen plugged	2. Clean inlet screen
	3. Pump was not properly primed	3. Prime pump using priming hose
	4. Kink in solution hose	4. Remove kink
	5. Plugged jet or quick connect	5. Remove blockage
	6. Internal (inside machine) or external solution line damaged and leaking	6. See dealer

TROUBLE SHOOTING (CONTINUED)

PROBLEM	CAUSE	SOLUTION
5. Pump runs but has loss pressure	1. Partial kink in solution hose	1. Remove kink
	2. Partial blockage in solution hose	2. Remove blockage
	3. Jet orifice opening on cleaning wand is too large	3. Total jet opening for 150 PSI pump should be .06 or
	4. Internal pump components wearing out	4. See dealer
6. Water accumulating in bottom electrical component area	1. Inside solution line leaking	1. Immediately shut unit down. Bring unit to a dealer for service
	2. Pump leaking	2. Immediately shut unit down. Bring unit to a dealer for service
	3. Solution tanks leaking from above	3. Immediately shut unit down. Bring to a dealer for serving