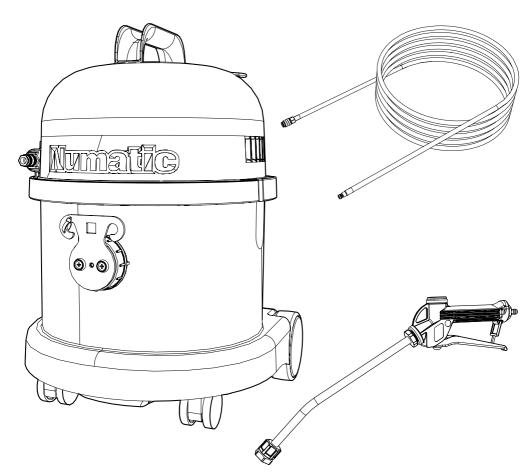
# **NSU 370**



## **NUMATIC SANITISER UNIT**



### **Original Instructions**

CAUTION,

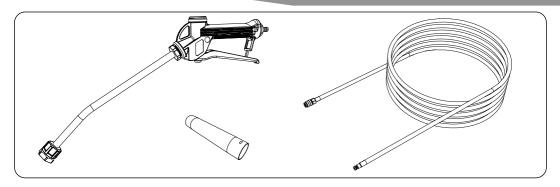
Read instructions before using the machine.

This machine is not suitable for spraying / sanitising electrical items.

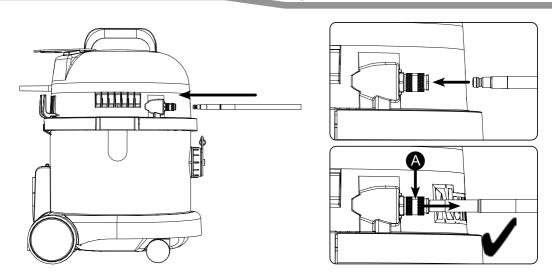
KEEP FOR FUTURE REFERENCE



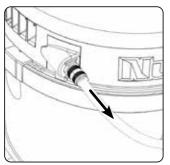
### Kit - Lance, Hose & Lance holder.

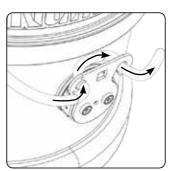


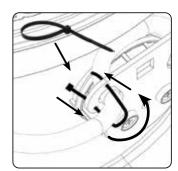
### **Assembly - Solution Tube to Machine**



To release the tube pull the quick release connection in the direction shown (Fig A). Pull out the tube. Warning: Make sure the tube is securely fitted in place. Do not remove whilst machine is running.

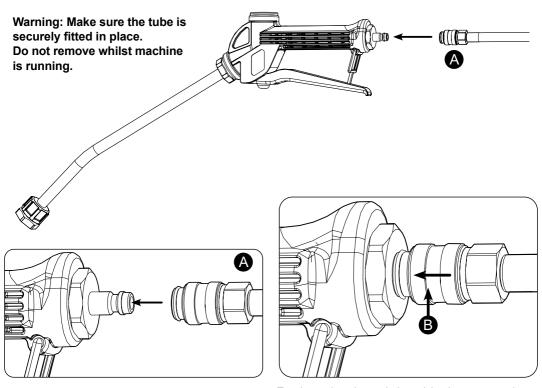






Important - Always electrically disconnect the machine after use, permanent damage can occur.

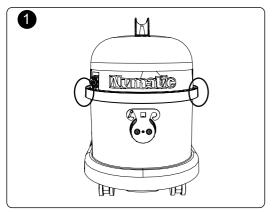
### **Assembly - Solution Tube to Spray Nozzle**

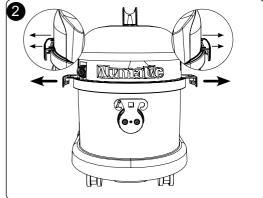


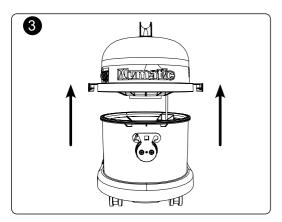
To release the tube push the quick release connection in the direction shown (Fig B). Pull out the tube.

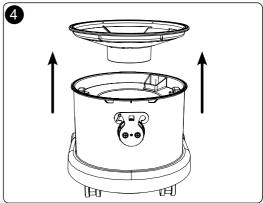
**Caution:** The initial priming of the machine can take 1 to 2 minutes. Once the machine is primed, subsequent refilling of the solution tank will not require further priming of the machine.

### **Chemical Dosage Machine Setup**









### **Chemical Dosage**

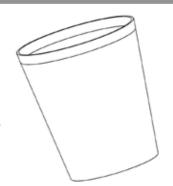
### **Chemical Dosage**

The sanitiser chemical must be added to the 5 L tank first, to ensure the sanitiser solution is thoroughly mixed.

TECcare Dosage = 2 x 30ml (full cups) are required per 5 litres of cold water.

Note: 2 x 30ml of chemical dosage should be strictly adhered to and only applies to Numatic supplied chemical. Users must always refer to the manufactures data sheet for dilution rates.

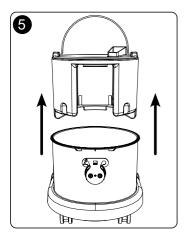
Chemical dosage cup (30ml) Part No – 912811.

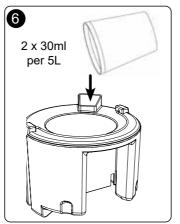


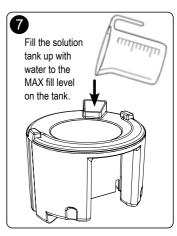
**Warning:** Any deviation from the manufacturer's dilution rates, could cause reduced cleaning strength or a high concentration of sanitising mist.

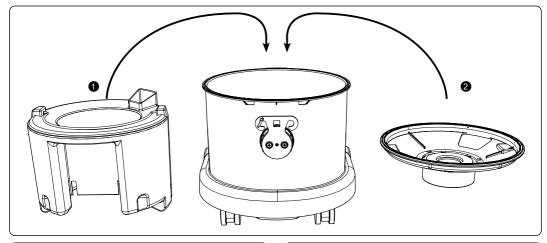
Make sure the correct PPE is worn when handling the chemical concentrated solution.

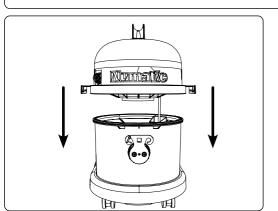


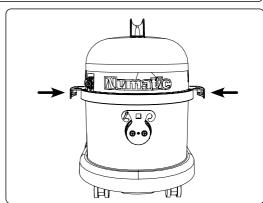




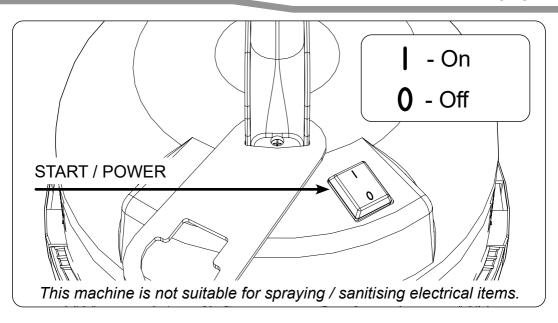


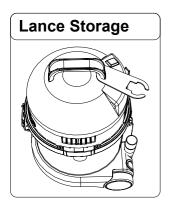


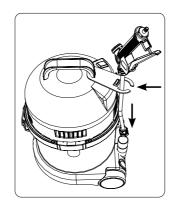


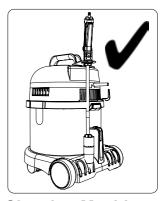


Power





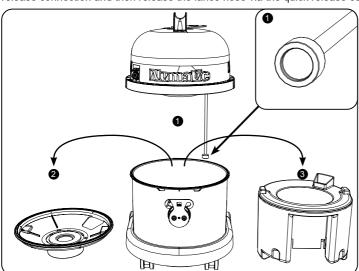




### **Cleaning Machine**

### Important - Always electrically disconnect the machine after use, permanent damage can occur.

1. Removing the lance hose: The system must be de-pressurised before disconnecting the lance hose. This is achieved firstly by turning off the machine via the on / off switch and then disconnecting from the mains power. Depress the lance trigger to discharge any pressurised fluid left in the system. Remove the lance via the quick release connection and then release the lance hose via the quick release connection located on the NSU370

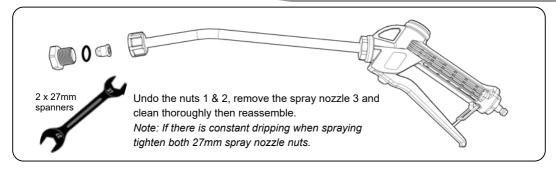


head. A small amount of cleaning solution may still leak after the hose is disconnected. Always wear eye protection and gloves whilst performing this operation. Failure to adhere to this procedure may result in pressurised fluid being discharged.

- 2. Remove machine head and clean solution pickup tube filter. Fig 1
- 3. Remove filter grid. Fig 2
- 4. Remove, clean and rinse out internal solution tank after each use. Fig 3

Note: wear appropriate PPE whilst cleaning machine.

### **Cleaning Spray Lance**



### **Chemical Information**

**Note:** Inappropriate selection of disinfectant solution may result in damage to unit including corrosion, pump failure, reduction in mist performance etc. The NSU is fully compatible with disinfection solutions based on Quaternary Ammonium Salts or Hypochlorous Acid using appropriate dilution levels. Use of other chemical / disinfectant solutions may invalidate warranty. Never spray into or towards faces.

**WARNING IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If medical advice is needed, have product container or label at hand.

Always refer to the MSDS (manufacturer's safety data sheet) for safe usage and disposal. Only use the chemicals / detergent solution provided. Replacements available from Numatic.

### TECcare CONTROL Concentrate.



Hazards Identification

P264: Wash hands thoroughly after handling P280: Wear protective gloves/eye protection P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P302+352: IF ON SKIN: Wash with plenty of water.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a doctor if you feel unwell.

This chemical should be kept in the packaging/container provided, as other containers might not provide the required protection and preservation of the chemical.



Environmental precautions: Do not discharge in to drains or rivers.

### TECcare CONTROL Concentrate Hazardous ingredients:

### DIDECYLDIMETHYLAMMONIUM CHLORIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
230-525-2	7173-51-5	Xn: R22; C: R34	Acute Tox. 4: H302; Skin Corr. 1B: H314 H314	<4.5 %

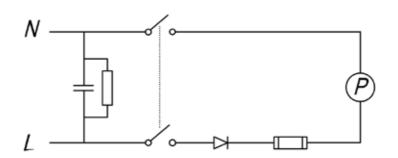
### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
270-325-2	68424-85-1	Xn: R21/22; C: R34; N: R50	Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400	<2.5 %

### **Machine data**

Model	Voltage	Cleaning range	Weight (Ready to work)	Sound pressure	Protection class	Dimensions
NSU370	220V-240V 50Hz	12 m	12.2 kg	LpA ≤ 70 dB (A)	Class II	360mm x 370mm x 510mm
Hand / Arm Vibration	Fluid Container	Flow Rate	Rated Power	Pressure Rating	Machine Weight	IP Rating
ah ≤ 2.5 m/s²	5 L Max	150 ml/	45W	15 bar	7.2 kg	IPX4

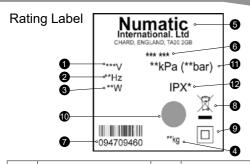
### Schematic diagram



### Replacement parts

	Chemical
912797	6 x 250 ml bottles of Numatic replenishment chemical
912799	6 x 1 L bottles of Numatic replenishment chemical
	Spares and Accessories
912984	Lance Kit (with fittings and nozzle)
912985	Pack of Nozzles
912986	Extension Hose 1.2 m
912987	Replacement Hose 2.2 m
912988	Replacement Chemical Container
912989	Pump Kit
912990	Cable Kit
912991	Wheel Kit
912992	Replacement Cable Retainer Clips

### (EN) About your machine



1	Voltage	7	Machine yr/wk Serial number
2	Frequency	8	WEEE Logo
3	Rated Input power	9	Protection class 2 symbol
4	Weight (ready to work)	10	Approvals Mark
5	Company name & address	11	MAX pressure
6	Model	12	Splash proof rating

#### Trouble shooting:

- •Poor flow: check filter on the solution pickup tube and clean if dirty. Check the filter inside of the lance and clean if dirty.
- •Poor spray pattern: check nozzle face for contamination, clean with a wire brush if dirty.
- •Constant dripping whilst spraying: check nozzle face for contamination, clean with a wire brush if dirty.

#### Maintenance:

- •Clean solution pickup tube filter.
- ·Clean nozzle filter.
- ·Clean nozzle face.
- •Check for any worn or damaged parts and replace immediately.

Trouble shooting / Maintenance

WEEE (Waste, Electrical and Electronic Equipment)

NSU370 Accessories and packaging should be sorted for environmentally-friendly recycling.

Only for UK/EU countries.

Do not dispose of NSU370 into household waste.

According to the European Directive 2012/19/EU on waste electrical electronic equipment and its incorporation into national law.

NSU370 that are no longer suitable for use must be separated, collected and sent for recovery in an environmentally-friendly manner.





PPE (Personal protective equipment) that may be required for certain operations.



NOTE: A risk assessment should be conducted to determine which PPE should be worn.

Safety Critical Components

Mains leads: HO5VV-F 10 m x 2 Core x 1.00 mm<sup>2</sup>

### Information for Sanitising machines



#### ORIGINAL INSTRUCTIONS:- READ MANUAL BEFORE USE.





Read the instruction manual before using the machine.

Operators shall be adequately instructed on the use of their machine.

As with all electrical equipment, care and attention must be exercised at all times during use, in addition to ensuring that routine and preventative maintenance is carried out periodically to ensure safe operation.

Failure to carry out maintenance as necessary, including the replacement of parts to the correct standard could render this equipment unsafe and the manufacturer can accept no responsibility in this respect.

Maintenance should only be carried out by a qualified person.

The machine shall be disconnected from the mains by removing the plug from the supply socket during cleaning or maintenance and when replacing parts.

Liquid ejected from the machine could be hazardous as a result of its temperature, pressure or chemical content. This machine is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience or knowledge.

This appliance is intended to be cleaned and maintained by an adult.

Children being supervised are not to play with the machine.

This machine is not a toy.

Never spray into or towards faces.



This machine should be stored indoors only.

This machine is intended for indoor use only.

Release pressure in hose/lance by switching off the machine and activating the lance, before disconnecting any pipe connections.

The initial priming of the machine can take 1 to 2 minutes. Once the machine is primed, subsequent refilling of the solution tank will not require further priming of the machine.

#### NOTE:

The primary use for this machine is commercial, for example in hotels, schools, hospitals, factories, shops and offices. This product complies with the requirements of clause 20 of IEC/EN 60335-2-68 Stability and Mechanical Hazards. When moving from one place to another, consider the weight of the machine.

#### Misuse during operation:

- Always secure the NSU370 head to the drum via the two toggles located on the side of the machine before moving.
- · Never tip the machine over with fluid still in the fluid container.
- Only pull the NSU370 via the lance whilst cleaning on even surfaces. For transportation always use the carry handle.
- Only Numatic approved hoses, lance and nozzles to be used.



- The mains lead should be fully unwound before use.
- Keep your machine clean including hoses and tubes.
- Keep filters clean.

DΩ

- · Replace any worn or damaged parts immediately.
- Regularly examine the power cord. If damage is found such as cracking or aging the power cord must be replaced by a qualified person.
- · Only replace the power cord with the correct approved replacement part.



Pull on the cable to unplug the machine from the power supply.

Use steam cleaners or pressure washers to clean the machine or use in the rain.

Immerse in water for cleaning.

Attempt machine maintenance or cleaning unless the power supply plug has been removed from the supply outlet.

UKCA Declaration of Conformity	
Manufacturer:	Numatic International Limited Chard
	Somerset TA20 2GB
	www.numatic.co.uk
Product:	NSN
Description:	Mains Powered Sprayer/Sanitiser - Commercial
We, Numatic hereby declare under our sole responsibility, in conformity with the following directives and standards.	We, Numatic hereby declare under our sole responsibility, that the above-mentioned product(s) is/are in conformity with the following directives and standards.

S.I. 2008: 1597	Supply of	EN60335-1:2012 + AC:2014 + A11:2014 + A13:2017
	Machinery	+ A15:2021
	Regulations	EN60335-2-68:2012
		EN62233:2008
S.I. 2016: 1091	EMC	EN55014-1:2017 + A11:2020
	Regulations	EN55014-2:1997 + A1:2001 + A2:2008
		EN61000-3-2:2014
		EN61000-3-3:2013
S.I. 2012: 3032	RoHS	
	Regulations	

Authorised Signatory: Mr. Matthew Coles

Numatic International Limited, Position: Head of Technology Somerset, TA20 2GB, UK Chard,

Signed: // Colon Date: 5th February 2024

PLMy, Numatic Niniejszym oświadczamy z PT Nós, a Numatic declaramos, sob nossa pe propria răspundere, că produsul mai sus eget ansvar att ovan nämnda produkt överensstämmer med följande direktiv och exclusiva responsabilidade, que o produto acima mencionado está em conformidade RO Noi, Numatic Prin prezenta declarăm RU ми, нилфисковим изјављујем под SV VI Numatic förklarar härmed under następującymi dyrektywami i normami. пуном одговорношћу, да наведеног производ је у складу са следећим pełną odpowiedzialnością, że wyżej wymieniony produkt jest zgodny z com as diretrizes e normas a seguir. SL Mi, Numatic izjavljamo s polno Mains Powered Sprayer/Sanitiser – Commercial menționat este în conformitate cu următoarele standarde și directive. директивама и стандардима. Декларация о соответствии Försäkran om överensstämmelse /aatimustenmukaisuusvakuutus Declaratie de conformitate Deklaracja zgodności Numatic International Limited Izjava o skladnosti normer. www.numatic.co.uk Somerset TA20 2GB NL we verklaren Numatic hierbij op eigen декларираме на своя лична отговорност, че посочените по-горе продуктът е в съответсяви е със следните директиви и стандарти. responsabilità, che il prodotto di cui sopra è LT Mes, "Numatic pareiškiu vienašališkos προαναφερόμενο προϊόν συμμορφώνεται με τις ακόλουθες οδηγίες και πρότυπα. felelősséggel, hogy a fent említett termék IT Noi, Numatic dichiara sotto la propria conforme alle seguenti direttive e norme. Chard Декларация за съответствие Samsvarserklæring Declaração de conformidade HU Mi, Numatic Kijelentjūk, egyedūli Megfelelőségi nyilatkozat Dichiarazione di conformità Attikties deklaracija EL Εμείς, Numatic δηλώνουμε με megfelel az alábbi irányelveknek és szabványoknak atsakomybės, kad pirmiau minėtas produktas atitinka šias direktyvas ir standartus В В ние, Numatic С настоящото Δήλωση συμμόρφωσης Conformiteitsverklaring αποκλειστική μας ευθύνη, ότι το Manufacturer: / Výrobce / Hersteller / Fabrikant / Fabricante / Tootja / Fabricant / προизводитель / Κατασκευαστής / Gyártó / Fabbricante Продукт / Проїо́v / Termék / Prodotto / Produktas / Artikel / Produkt Kirjeldus / La description / Οπисание / Περιγραφή / Leirás / Descrizione / Apibudinimas / Omschrijving / Beskrivelse / Descrição / Producător / производитель / Tillverkare / Proizvajalca / Valmistaja: Product: / Produkt / Produkt / Producto, Toodet, Produit / ' Produtos / Produkt / Produs / ToBap / Produkt / Izdelka / Tuote: 'Gamintojas / Fabrikant / Produsent / Fabricante / Producent / Description: / Popis / Beschreibung / Beskrivelse / Descripción / Opis / Descriere / Описание / Beskrivning / Opis / Kuvaus: Overensstemmelseserklæring Declaración de conformidad EU, EC, EL, UE, ES: Dedaration of Conformity Vastavusdeklaratsioon Déclaration de conformité Prohlášení o shodě Konformitätserklärung EN we, Numatic hereby declare under our sole responsibility, that the above-mentioned product(s) is/are in conformity with the following directives and standards. eget ansvar at ovennævnte produkt(er) er i overensstemmelse med følgende direktiver producto antes mencionado está en conformidad con las siguientes directivas y DA Vi, Numatic erklærer hermed under ES Nosotros, Numatic declaramos bajo CS My, Numatic prohlašujeme na svou Verantwortung, dass das oben genannte výlučnou odpovědnost, že výše uvedený DE wir, Numatic erklären in alleiniger Produkt den folgenden Richtlinien und nuestra única responsabilidad que el výrobek je ve shodě s následujícími směrnicemi a normami. Normen entspricht. og standarder. normas

EN60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + EN55014-2:1997 + A1:2001 + A2:2008 EN55014-1:2017 + A11:2020 EN60335-2-68:2012 EN62233:2008 EN61000-3-2:2014 EN61000-3-3:2013 A15:2021 Machinery Directive **EMC Directive** RoHS Directive :006/42/EC 2014/30/EU 2011/65/EU suivantes.

FI Me, Numatic täten vakuutamme omalla

vastuulla, että edellä mainittu tuote on yhdenmukainen seuraavien direktiivien ja

eget ansvar, at det ovennevnte produktet er

i samsvar med følgende direktiver og standarder

responsabilité que le produit mentionné ci-dessus est conforme aux directives et normes

FR Numatic déclare sous notre seule

bovengenoemde product voldoet aan de NO vi, Numatic erklærer herved under

ET Meie, Numatic Käesolevaga kinnitame ja

kanname ainuisikulist vastutust, et eespool

nimetatud toode on kooskõlas järgmiste

direktiivide ja

volgende richtlijnen en normen verantwoordelijkheid, dat het

standardien mukaisesti

izdelek v skladu z nasledni mi smernicami in

odgovornostjo, da je zgoraj omenjeni

5th February 2024 Date: Signed:

Authorised Signatory: Mr. Matthew Coles

Chard,

Somerset, TA20 2GB, UK

Numatic International Limited Position: Head of Technology

DEC-082 V3.3 DEC-082 V2.2



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