



www.monoequip.com

Enter **Serial No.** here. _____

In the event of an enquiry please quote this serial number.



AUTO JAMMER/INJECTOR

IMPORTANT INFORMATION

and

INSTALLATION INSTRUCTIONS

ONLY FOR USE WITH SEEDLESS FILLINGS

MONO EQUIPMENT
Queensway
Swansea West Industrial Estate
Swansea. SA5 4EB UK

Tel. +44(0)1792 561234
email: spares@monoequip.com
Spares Tel. +44(0)1792 564039
Fax. 01792 561016

COMPLETE OPERATION AND MAINTENANCE INSTRUCTIONS
ARE AVAILABLE AT www.monoequip.com


FILE 129



DECLARATION OF CONFORMITY

We hereby declare that this machine complies with the essential health and safety requirements of :-

- The Machinery Directive 2006 / 42 / EC
- The Low voltage Directive 2014 / 35/ EC
- The requirements of the Electromagnetic Compatibility Directive 2004 / 108EC, 91 / 263 / EEC, 92 / 31 / EEC
Incorporating standards
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
- The General Safety of Machinery and food processing Standards applicable
- Materials and Articles intended to come into contact with food Regulation (EC) No. 1935 / 2004

Signed			
	G.A.Williams – Quality Manager		
Date			
Machine FG Code.		Machine Serial No.	

A technical construction file for this machine is retained at the following address:

MONO EQUIPMENT
Queensway,
Swansea West Industrial Park,
Swansea
SA5 4EB
UK

MONO EQUIPMENT is a business name of **AFE GROUP Ltd**
Registered in England No.3872673 VAT registration No.923428136

Registered office: Unit 9, Bryggen Road,
North Lynn Industrial Estate,
Kings Lynn,
Norfolk,
PE30 2HZ

SAFETY SYMBOLS

The following safety symbols are used throughout this product documentation and manual (available at www.monoequip.com).

Before using your new equipment, read the instruction manual carefully and pay special attention to information marked with the following symbols.



WARNING

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

Indicates a hazardous situation which, if not avoided, will result in electric shock.



CAUTION

Indicates a hazardous situation which, if not avoided, will result in minor or moderate injury.

ELECTRICAL SAFETY AND ADVICE REGARDING SUPPLEMENTARY ELECTRICAL PROTECTION:

Commercial bakeries, kitchens and foodservice areas are environments where electrical appliances may be located close to liquids or operate in and around damp conditions or where restricted movement for installation and service is evident.

The installation and periodic inspection of the appliance should only be undertaken by a qualified, skilled and competent electrician, and connected to the correct supply suitable for the load as stipulated by the appliance data label.

The electrical installation and connections should meet the necessary requirements of the local electrical wiring regulations and any electrical safety guidelines.

We Recommend:

- Supplementary electrical protection with the use of a residual current device (RCD)
- Fixed wiring appliances incorporate a locally situated switch disconnector to connect to, which is easily accessible for switching off and safe isolation purposes. The switch disconnector must meet the specification requirements of IEC 60947.



The supply to this machine must be protected by a **30mA RCD**


**Thank you for purchasing the MONO DOUGHNUT JAMMER.
A combination of clean industrial design and the latest technology. The following
information should get your purchase running without any problems**

If you have a problem with your purchase please contact MONO EQUIPMENT at:

**MONO EQUIPMENT
Queensway
Swansea West Industrial Estate
Swansea. SA5 4EB UK
Tel. +44(0)1792 561234**

SAFETY



- 1.0 Always use the nearest available socket to the machine avoiding cables trailing across the floor.
- 2.0 Plugs on flexible cables must be correctly connected and the cable secured by the cord grip.
- 3.0 Flexible cables should be positioned and protected so that heavy equipment or materials cannot damage them.
- 4.0 Cables should be checked regularly for damage (checks should be made with the cable disconnected from the mains).
- 5.0 Damaged cables should be taken out of service straight away.
- 6.0 Do not carry out makeshift repairs to cables
- 7.0 Loose or damaged plugs must be replaced immediately.
-  8.0 Never immerse the base console in water.
- 9.0 Always remove hopper before lifting or moving the base unit.
- 10.0 All repairs and maintenance should only be carried out by authorised electricians.
- 11.0 Only trained and authorised personnel may operate or clean this machine.

12.0 Never leave machine unattended without switching off.

13.0 There are no user serviceable parts inside the machine. If a fault occurs please contact Mono service department.



14.0 When in use and when cleaning be aware that the injection nozzles could be sharp.

INSTALLATION

1 The Mono electronic doughnut jammer should be plugged into a 13 amp socket.



The supply to this machine must be protected by a **30mA RCD**

2 For best results the electronic jammer should be placed in a clean work area and on a level surface at a normal work top height.

3 Before first use, wash out the hopper parts with a suitably approved cleaner and water. Allow to air dry.

ISOLATION



**TO STOP THE ELECTRONIC JAMMER / INJECTOR
IN AN EMERGENCY, SWITCH OFF AT THE WALL SOCKET.**

OPERATING CONDITIONS

- 1.0 For best results the electronic jammer should be placed on a level surface at a normal work top height.
- 2.0 All cleaning and operation instructions should be followed meticulously.

NEVER DO THE FOLLOWING:



1. NEVER power on the unit if huge liquid leakage has gone inside the plastic case. Ask for service.
2. NEVER replace the rear 6.3A 5x20 Ceramic Slow-Blow fuse of the rear panel with a different type. And if the fuse gets blown, ask for service.
3. If for some reason the motor does not start, switch off and ask for service.
4. Never pour liquid over the unit
5. Never use a different power supply
6. Never use a knife or other sharp object to press the keyboard buttons

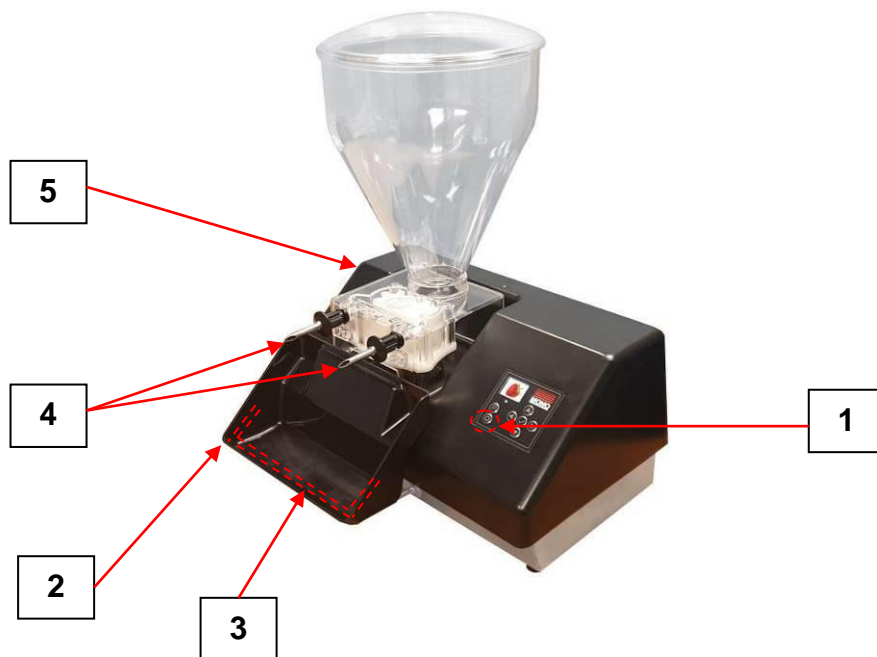
DO NOT PRESS THE DISPLAY AREA: it is not a touch screen and the underneath OLED display could be damaged.

OPERATING INSTRUCTIONS

- 1.0 Plug the socket of the moulded cable assembly into the rear of the base console.
- 2.0 Insert the plug of the cable into a 13amp wall socket.
- 3.0 Press the “ON” area (1) on the membrane panel.
- 4.0 Clip actuator tray (2) to centre support bar (3).
- 5.0 Insert each nozzle (4) into the filler unit (5) with the flat of the plastic ring facing down. When the nozzle has been inserted as far as the ring, twist it through 90 degrees.
- 6.0 Place the filled hopper unit against the rear wall of the base console. Lower the unit into place.

If any difficulty is experienced in locating the hopper onto the drive, press blue “FAST FORWARD” on the membrane panel to advance the digital display to any number. Then touch the actuator tray to cycle the hopper drive which will allow the hopper to drop into place.

The machine is now ready for use



The Jammer is delivered with a (limited) standard set of programs but can be easily reprogrammed.


For complete instructions and programming instructions please view the complete manual in the downloads section at “www.monoequip.com”.




Below you will see how to choose your Operation Mode and how to choose the Program to be run.



CHOOSING THE OPERATION MODE

After power ON, the Jammer starts in the “**Home**” mode, displaying the icon **P01**.

Using the “**Operation Mode / Program**”  key, choose the mode required.

Press the  key to change the mode on the display.
In sequence, you will see the display will show:

- **P01** for the “**Numeric Mode**”
-  for the “**Icon Mode**” (NOTE: here we show the raspberry, but the Icon can be any other which was previously loaded to position #1)
-  for the “**Manual mode**”
-  for the “**Continuous Mode**”

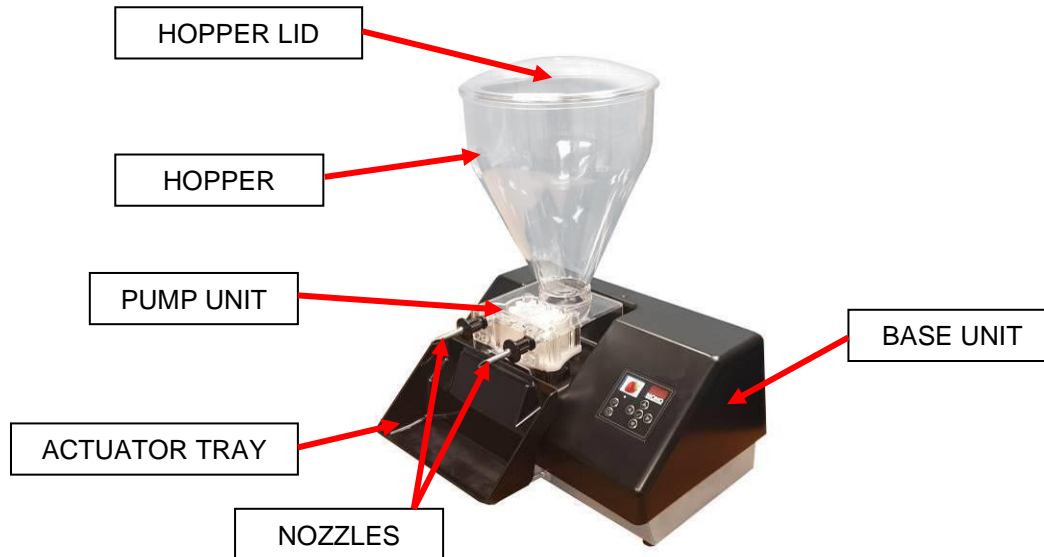
Once you have chosen the mode, you can scroll through the icons using the  or the  keys to select the desired Program. This is only for Numerical or Icon Operation mode.

CLEANING INSTRUCTIONS



ISOLATE FROM MAINS SUPPLY BEFORE CLEANING

NEVER IMMERGE THE BASE UNIT IN WATER.



The machine should be cleaned and all components allowed to air dry after every period of use.

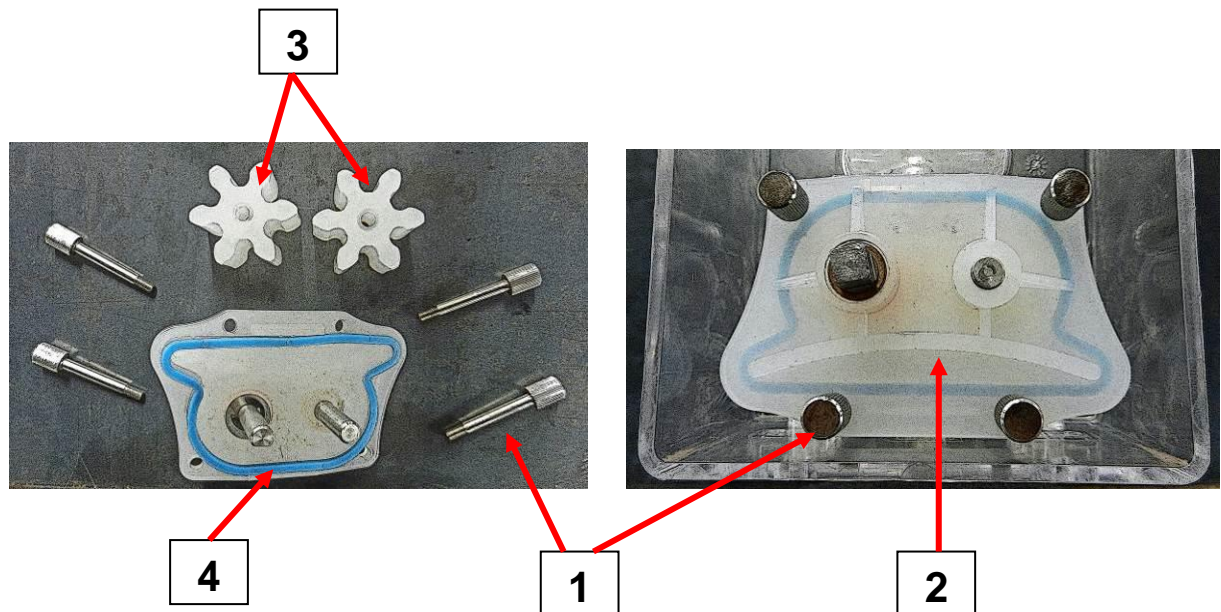
- 1.0 Remove the nozzles by twisting each one until the flat of the plastic ring lines up with the flat on the pump unit. Pull completely out and wash with an approved mild detergent/sanitizer and hot water. Allow to air dry.



Take care when removing nozzles as they may be sharp.

- 2.0 Empty the hopper into a container and cover over for future use.
DO NOT TOP UP A HALF FULL CONTAINER.
- 3.0 Dismantle the pump chamber components as shown below (6.0) and wash thoroughly with an approved cleaner and water.
- 4.0 Wash the hopper unit and the entire lid with an approved mild detergent/sanitizer and hot water. Allow to air dry.
- 5.0 Air dry all the pump components and reassemble the impellers (3) on the correct spindles with the recessed side facing down.
DO NOT USE FORCE

- 6.0** Replace the impellor unit in the pump chamber ensuring the seal (4) is in place and fasten with the thumb screws (1)
These screws should only be finger tight as the use of tools to over tighten could lead to the chamber cover fracturing.



- 7.0** Unclip the actuator tray and wash thoroughly using an approved cleaner and water. Allow to air dry.
- 8.0** **Wipe over** all external surfaces with an approved mild detergent/sanitiser and hot water. Allow to air dry.
- 9.0** Insert each nozzle into the pump unit with the flat of the plastic ring facing down. When the nozzle has been inserted as far as the ring, twist it through 90 degrees. See below



Take care when inserting nozzles as they may be sharp.

FITTING NOZZLES

