

# **JBC**

[www.jbctools.com](http://www.jbctools.com)

## **INSTRUCTION MANUAL**



## **MSE**

Electric Desoldering Module  
for DDE & DME

This manual corresponds to the following reference:

**MSE-A**

## Packing List

The following items are included:



**Electric Desoldering Module** ..... 1 unit



**Module Cable Connector** ..... 1 unit  
Ref. 0024228



**Suction Filter** ..... 1 unit  
Ref. MS20



**Paper Filters** ..... 1 unit  
Ref. MS40  
*Ref. contains 50 filters*

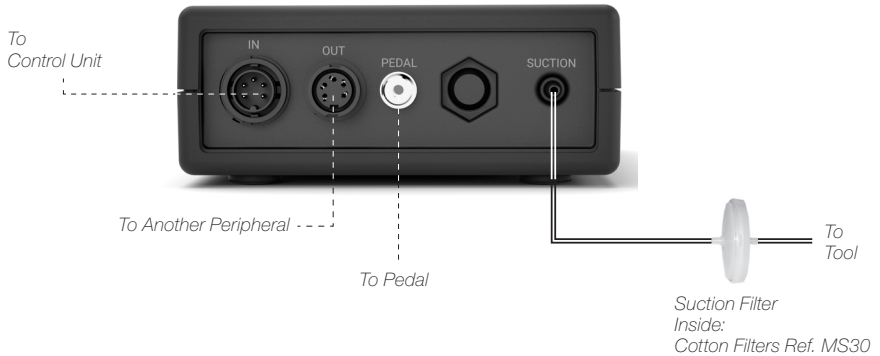


**Cotton Filters** ..... 1 unit  
Ref. MS30  
*Ref. contains 10 filters*



**Manual** ..... 1 unit  
Ref. 0027988

## Features and Connections



## Compatibility

Select the equipment that best suits your soldering or desoldering needs.

Module	Stand	Tool	Tips Range	Control Units		Peripherals
				DDE	DME	P405
MSE	DSS	DS360	C360	●	●	●
	DRS	DR560	C560	●	●	●

# Initial Set up

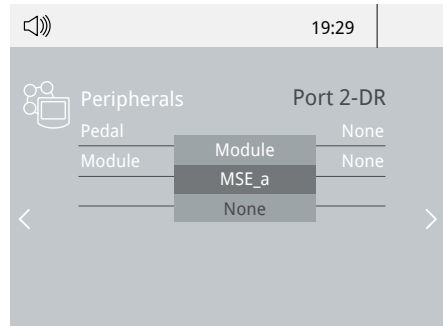


After connecting the module, enter the **Peripherals** Menu and select the port which you want to join with the module.

## Peripherals

### For DDE Control Unit

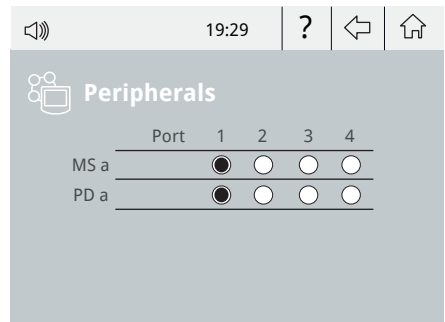
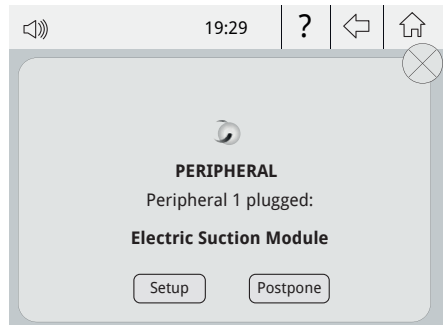
1. Select the module from the list of peripheral connections. Remember your first connection is denoted as "a", the second being "b", etc. (e.g. MSE\_a, MSE\_b,...)
2. Press Menu or Back to save changes.  
Once set up, you can change the module settings by entering the **Peripherals** Menu.



### For DME Control Unit

When a new module is detected, a pop-up screen appears.

1. To configure your Electric Suction Module press Setup in the popup window.
2. Select the module from the list of peripheral connections. Remember your first connection is denoted as "a", the second being "b", etc. (e.g. MS\_a, MS\_b,...). Do the same with the pedal (e.g. PD\_a,...)
3. Select the port of the tool you want to link to the peripheral.
4. Press Menu or Back to save changes.  
Once set up, you can change the module settings by entering the **Peripherals** Menu.

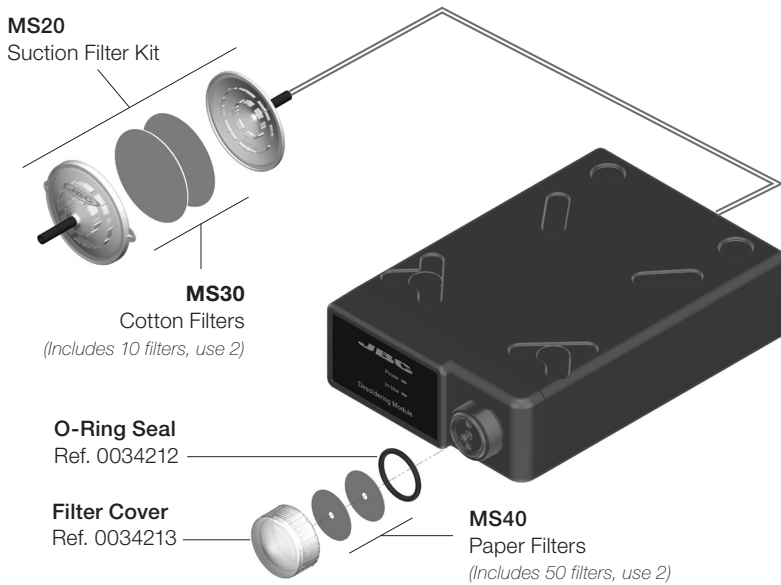


## Maintenance

Before carrying out maintenance or storage, always unplug the equipment.

- Keep the casing clean by using a damp cloth. Especially use a soft cloth for the front side.
- Periodically check all cable and tube connections.
- Keep filters clean to ensure proper solder suction and replace them when necessary.

**Important:** Do not use sharp pointed objects to open the suction filter.



- Use original JBC spare parts only.
- Do not work with defective or damaged pieces.
- Repairs should only be performed by a JBC authorized technical service.
- Maintenance must not be carried out by children unless supervised.

## Safety



**It is imperative to follow safety guidelines to prevent electric shock, injury, fire or explosion.**

- Do not use the units for any purpose other than soldering or rework. Incorrect use may cause a fire.
- The power cord must be plugged into approved bases. Be sure that it is properly grounded before use. When unplugging it, hold the plug, not the wire.
- Do not work on electrically live parts.
- The tool should be placed in the stand when not in use in order to activate the sleep mode. The soldering tip or nozzle, the metal part of the tool and the stand may still be hot even when the station is turned off. Handle with care, including when adjusting the stand position.
- Do not leave the appliance unattended when it is on.
- Do not cover the ventilation grills. Heat can cause inflammable products to ignite.
- Avoid flux coming into contact with skin or eyes to prevent irritation.
- Be careful with the fumes produced when soldering.
- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid personal harm.
- Utmost care must be taken with liquid tin waste which can cause burns.
- This appliance can be used by children over the age of eight and also people with reduced physical, sensory or mental capabilities or lack of experience provided that they have been given adequate supervision or instruction concerning the use of the appliance and understand the hazards involved. Children must not play with the appliance.
- Maintenance must not be carried out by children unless supervised.



# Specifications

## MSE

### Electric Desoldering Module for DDE & DME

Ref.: **MSE-A**

- Vacuum:	75 % / 570 mmHg / 22.4 inHg
- Flow rate:	9 SLPM
- Ambient Operating Temperature:	10 - 40 °C / 50 - 104 °F
- Pedal Connection:	Yes
- ESD Safe:	Meets ANSI/ESD S20.20-2021
- Module Dimensions (L x W x H):	225 x 145 x 55 mm / 8.86 x 5.71 x 2.17 in
- Total Net Weight:	1.22 kg / 2.69 lb
- Total Package Dimensions / Weight: (L x W x H)	280 x 195 x 115 mm / 1.53 kg 11.02 x 7.68 x 4.53 in / 3.36 lb

Complies with CE standards.  
ESD safe.

# JBC

## Warranty

JBC's 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labor.

Warranty does not cover product wear or misuse.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.



This product should not be thrown in the garbage.

In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

