



INSTRUCTIONS FOR

# MICRO AIR COMPRESSOR WITH WORKLIGHT 12V

MODEL NO: **MS163**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions

## 1. SAFETY

- ✓ Familiarise yourself with the application, limitations and potential hazards of the compressor.
- **WARNING!** Disconnect the compressor from the battery before changing accessories, servicing or performing any maintenance.
- ✓ This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- ✓ Use only the supplied adaptors.
- ✓ Maintain the compressor in good condition, **DO NOT** use if damaged.
- ✓ Ensure that there are no flammable or combustible materials (including gases) near the compressor when in use.
- **WARNING!** This compressor is capable of high pressure. **DO NOT** exceed the maximum safe pressure of the item being inflated.
- **WARNING!** The gauge on the compressor is for guidance only. Where pressure is critical (e.g. tyres) check with a gauge of known accuracy.
- × **DO NOT** leave compressor operating unattended.
- × **DO NOT** operate in wet or damp conditions.
- **WARNING!** To prevent overheating and subsequent damage to the unit, switch off after 15 minutes continuous operation and allow to cool for 15 minutes before switching back on.
- ✓ After use store in a safe, dry, childproof area with the connector locking lever in the unlocked position.

## 2. INTRODUCTION

Compact design incorporating integral storage for air output hose. Features a work light and pressure gauge which reads up to 5.5bar/80psi. Powered by a 12V motor suitable for inflating tyres on motorcycles and cars. supplied with vehicle accessory socket plug and battery clips.

## 3. SPECIFICATION

Model No.....MS163  
Hose Length..... 100mm  
Power Cord Length .....2.8mtr  
Operating Voltage .....12V

## 4. OPERATION

### 4.1. Preparation for use:

**NOTE:** Your ignition may need to be set to position 'I' (on) for the 12V output from the 12V accessory socket to function. Furthermore, it is recommended that your car engine is running when using this product so that your battery is not depleted and full power is supplied to the unit. (Always check that the car is in neutral and the handbrake is on). This compressor is designed for use with a car 12V or Motorcycle DC power supply; do not connect to any other type of electrical power.

### 4.2. Power connection:

Connect either the vehical 'accessory plug or the 'battery clips' to the 'power lead'. For car use, plug in the 'car accessory plug' into the cars accessory socket. For bike use, connect the 'battery clips' onto the terminal of the battery. Red to + and Black to -.

**NOTE:** When connected the LED light will be lit.

### 4.3. Using the Compressor:

Attach the air line securely to the valve on the tyre or any other item to be inflated (use adaptors if necessary Screw the adaptors into the Air Line. Inflating adaptors for air rubber rings/air beds/footballs, etc.)

Press the 'switch' on and the compressor will start.

The compressor will inflate the tyre (or other item).

Periodically stop the compressor to allow the gauge to steady so that it can be read.

Once the correct pressure is reached, switch off and disconnect the air line from the valve.

**NOTE:** It is recommended in the interests of your safety that you check your tyres with a BS approved tyre gauge to ensure your tyres are at the correct pressure. Always check your tyres when they are cold.





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## 5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Compressor does not run.	Poor connection between cigarette lighter plug adaptor and lighter socket.	Rotate plug in socket to improve contact. Clean out socket.
	Ignition required to be on to power socket.	Turn on ignition
	Socket fuse blown	Check and replace fuse if necessary
Compressor runs but does not inflate	Valve connector or adaptor leaking. Other leaks	Remove and refit connector or adaptor. Check compressor, connector hose and item being inflated for leaks
Compressor runs at reduced speed	Voltage low Overheating	Check condition of vehicle battery/charging system Switch off compressor immediately and leave to cool for 30 min.






**Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500.**

**Environmental Protection**  
Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

**WEEE Regulations**  
Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.  
**IMPORTANT:** No liability is accepted for incorrect use of this product.  
**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.

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