

SEALEY

WALL MOUNTING DIGITAL TYRE INFLATOR, PSI, KPA, KG/CM² AND BAR, AUTO-STOP, 174PSI, WIRELESS APP CONNECTION, LCD DIGITAL DISPLAY, SUPPLIED WITH 7.6M HOSE AND REMOTE CONTROL

MODEL NO: **SA450**

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
instruction
manual



Indoor use only

BATTERY WARNING

KEEP OUT OF REACH OF CHILDREN
Swallowing can lead to chemical burns, perforating of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



1. SAFETY

1.1. ELECTRICAL SAFETY

- ☐ **WARNING!** It is the user's responsibility to check the following:
- ✓ Check all electrical equipment and appliances to ensure that they are safe before using.
- ✓ Inspect power supply leads, plugs and all electrical connections for wear and damage.
- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- ✗ **DO NOT** use worn or damaged cables, plugs or connectors.
- ✓ Ensure that any faulty item is repaired or replaced immediately by a Sealey qualified technician.
- ✓ If the cable or plug is damaged during use, switch off the electricity supply and remove from use.
- ✓ Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.
- Important:** Ensure that the voltage rating on the appliance suits the mains power supply.
- ✗ **DO NOT** pull or carry the appliance by the power cable.
- ✗ **DO NOT** pull the plug from the socket by the cable.
- ✓ If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

1.2. GENERAL SAFETY

- ✓ Read and understand all safety warnings and instructions before operating this product. Failure to read and follow all safety warnings may result in serious personnel injury or death. Property damage and/or product damage may also occur if all warnings are not followed.
- ✓ Each person who is involved with installation, start-up, maintenance and the operation of the unit must read and understand the complete operating manual.
- ✓ Children from age 8 years and above, persons with reduced physical, sensory, or mental capabilities those with lack of experience and knowledge can use the appliance, if they have been given supervision or instruction concerning use of the appliance in a safe way to understand the hazards involved.
- ✓ Children shall **NOT** play with the appliance.
- ✓ Cleaning and user maintenance on the appliance shall not be made by children without supervision.
- ✓ The appliance shall be disconnected from mains supply during service and when replacing parts.
- ✓ If there is anything abnormal during the operation of the machine, please stop using immediately stockist.
- ✓ The inlet pressure (refer to Specification) to avoid damage to the machine.
- ✓ The compressed air must pass through a filter such as an oil-water separator before entering the inflator, so as to prevent corrosion of the internal components of the inflator.
- ✗ **DO NOT** point the air source or the air outlet at any body so as to avoid personal injury.
- ✗ **DO NOT** operate unit if damaged during shipping, handling or use.
- ✗ **DO NOT** expose the product to flammable gases, vapours or fumes.
- ✗ **DO NOT** store flammable gases in or near this product.
- ✗ **DO NOT** use flammable or toxic solvents to clean the product or any of its parts.
- ✗ **DO NOT** remove or alter any safety warning labels, tags, etc. located or provided with product.
- ✓ Follow all directions for maintenance.
- ✓ The use of other than genuine replacement parts may result in reduced equipment performance. Repairs must be performed by authorised repair personnel, otherwise the warranty will be void.
- ▲ DANGER!** This product can be dangerous if used improperly. Children should not be allowed to use this equipment, as incorrect setting can allow tyre to be over inflated and a subsequent tyre burst/explosion can occur!
- ✓ Modifications to the product will be deemed to be improper use. The manufacturer is not liable for damages caused by improper use, the risk lies solely with the user.
- ✓ Proper use of the product also implies the observance of the manufacturer's instructions with regard to installation, start-up, operation and maintenance.
- ✗ **DO NOT** operate this product if tired or under the influence of medication, drugs or alcohol.
- ☐ **WARNING!** To avoid the risk of personal injury, especially to the eyes, face or skin **DO NOT** direct the air stream at any person.
- ☐ **BATTERY WARNING! KEEP OUT OF REACH OF CHILDREN.** If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

2. INTRODUCTION

Suitable for inflating tyres on cars, vans, 4x4s, motorcycles and bicycles. Backlit LCD digital display and auto-stop feature. Wireless connection with a dedicated App that lets you control the Inflator through a mobile device (iOS and Android compatible). Remote control lets you increase and decrease the tyre pressure and turn the device on and off. Supplied with a 7.6m hose with a single clip-on connector, wall bracket, hose hook and fittings.

3. SPECIFICATION

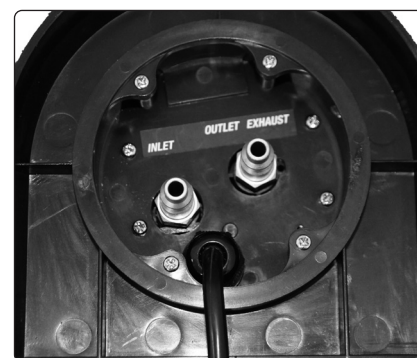
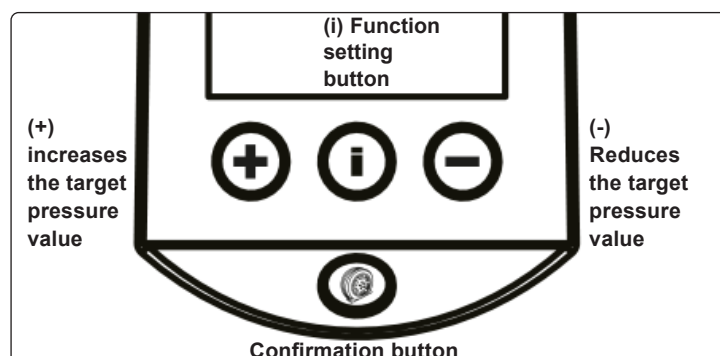
Model No: SA450
Accuracy: $\pm 1\%$ of full scale reading
Inlet Size: 1/4" BSP
Maximum Air Supply: 174psi (12bar)
Plug Type: 3-Pin
Power Supply Cable Length: 7.6m
Pressure Units: bar psi, kg/cm², kPa
Range: 0-12bar (0-174psi, 0-12.2kg/cm², 0-1200kPa)
Supply: 230V

4. CONTENTS (SEE RIGHT)

5. INSTALLATION

- 5.1. The inflator is designed for indoor use only.
- 5.2. The compressor producing the air should have the necessary water and dirt filtration, to minimise accumulation of debris at the inflator line filter strainer.
- 5.3. Designed to be mounted to a wall/support at 90° using the mounting plate and hook (screws supplied).
- 5.4. Ensure surface it is mounted to is capable of withstanding the weight of the product.
- 5.5. Slide the inflator onto the mounting plate.
- 5.6. Connect inlet and outlet air hoses, see right.
- 5.7. Connect to mains supply.
- 5.8. Ensure the Mains plug can be easily accessed at all times.

6. OPERATION



6.1. BUTTONS

Press the "+" or "-" button to set the inflation pressure value, and the inflator will automatically inflate the tyre after connection. When the set pressure value is reached, the buzzer will beep, and the inflation will stop automatically. Press the "i" button once to convert the display unit: Bar/Psi/Kpa/Kgf. Press the "i" button twice to start the new tyre over-inflation function, and press the  button after setting until the inflation starts.

6.2. UNIT CONVERSION FUNCTION

Press "i" once and the current unit flashes. The "i" setting icon lights up. Press (-) or (+) to select the unit you wish to use. Press  (confirmation button) to save.

The default unit is Bar. Four units available: Bar/Psi/Kpa/Kgf.

6.3. OPS FUNCTION

[OPS] is an over inflation function for the new tyre inflated for the first time so as to make the tyre seat tightly with the wheel rim. Press "i" twice, and the [OPS] icon flashes on the screen. Press (-) or (+) to select the over-inflation value you wish to achieve and press  to save.

After the over-inflation is set correctly, the [OPS] icon will be displayed on the screen.

After clamping the connector on the tyre's valve, press and hold  until the machine starts to inflate.

When the buzzer beeps, the inflation is completed. Remove valve connector.

The over-inflation value is equal to the maximum tyre pressure minus the standard tyre pressure.
 For a new tyre with a MAX. PRESSURE of 350Kpa (51Psi), the maximum tyre pressure is 3.5Bar.
 So if the standard tire pressure is 2.5Bar, the over-inflation shall be set to 3.5-2.5=1Bar.
 *1Bar=100KPa: 1Psi=6.89KPa: 1Bar=1.02Kgf.

7. WIFI OPERATION

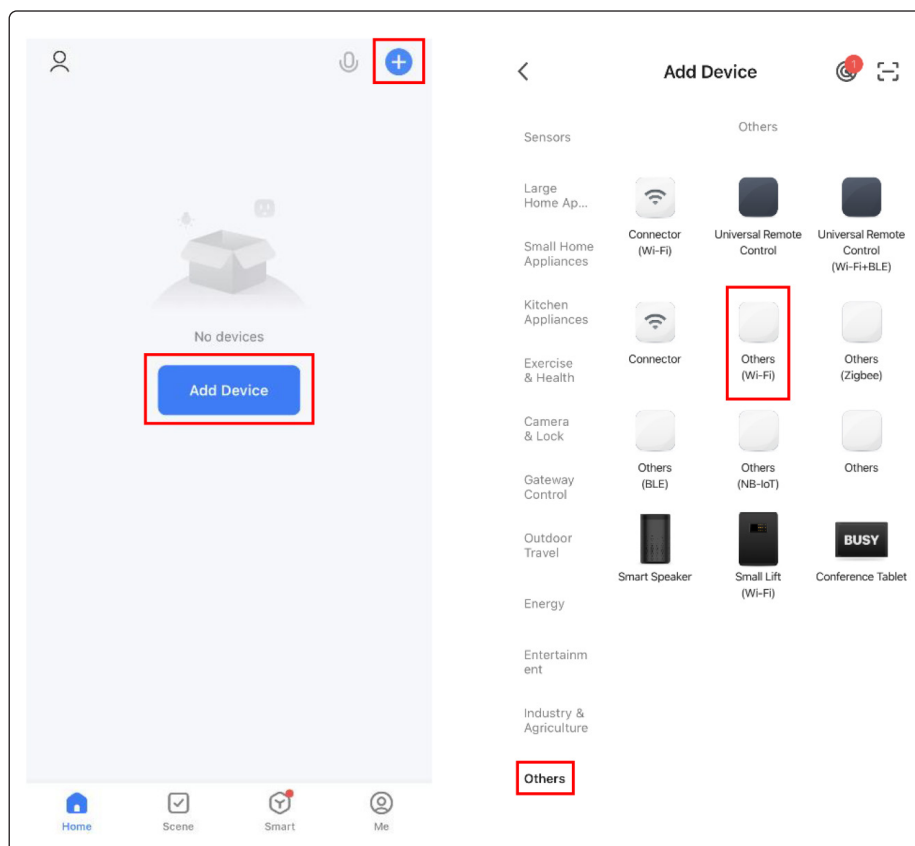
7.1. DOWNLOAD SMARTLIFE APP

Scan the QR code below to download the Smart Life App:
 search "Smart Life" in either App Store or Google Play
 to install the app.

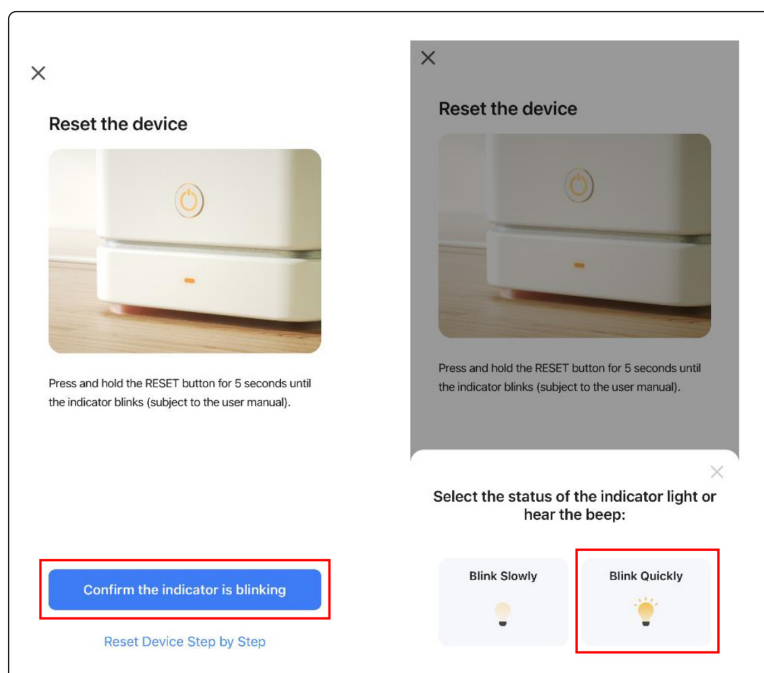
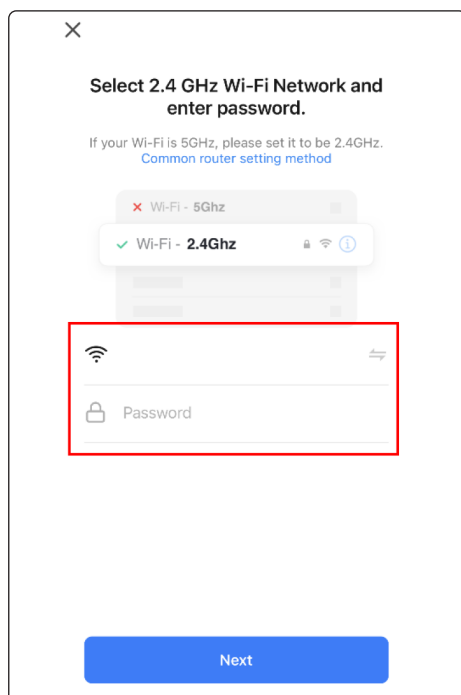


7.2. ADD DEVICE

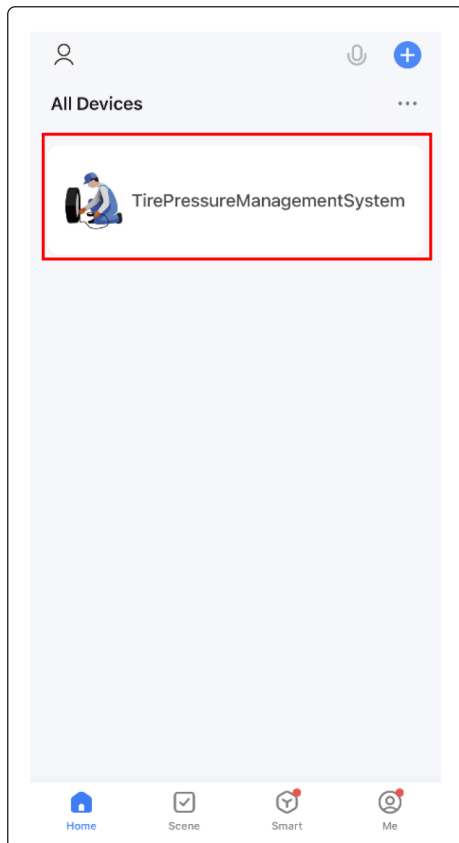
- 1) Power on the device, long press the device network distribution button for 5 seconds. Wi-Fi symbol will blink on the device.
- 2) Enter the App, tap "Add Device" or "+", then select "Others – Others (Wi-Fi)".



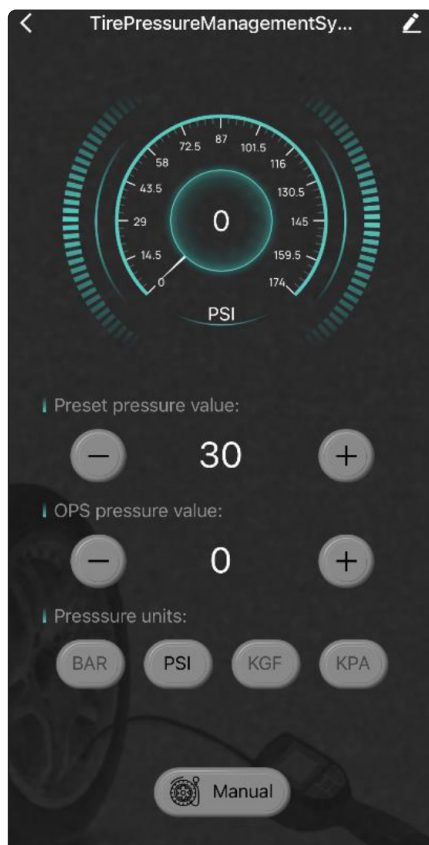
- 3) Enter the Wi-Fi name and Wi-Fi password, and click "Next".
- 4) Click on the APP to "Confirm the indicator is blinking" and select "Blink Quickly".



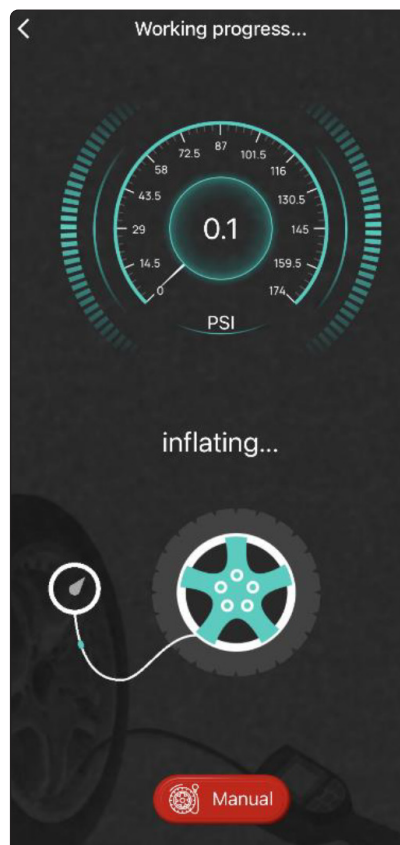
5) Click “+” after finding the device, and click “Finish” after adding the device.



7.3. CONTROL DEVICE



1) Enter the operation interface.
Use the phone to set the target pressure value.



2) Connect the connector to the tyre's valve.
The machine automatically starts to work.
The APP display interface jumps to the working mode.



3) After the inflation and deflation is completed, the machine will beep, and the APP display interface will change to the 'completed' interface.

8. MAINTENANCE

- 8.1. The inflator has precision electronic components such as built-in integrated circuits and pressure sensors. To ensure that it can work normally and safely, rough operation shall be avoided in daily use, and daily maintenance is also essential:
- 8.1.1. Check the air connections and hoses regularly for leakage, and repair promptly as necessary.
- 8.1.2. Check whether the oil-water separator is working normally regularly, and drain the water in the oil-water separator in time to prevent the oil in the air lines from entering the inflator, which may damage the inflator or reduce the service life.
- 8.1.3. Check the power supply connected to the inflator regularly for potential safety hazards in the circuit.
- 8.1.4. Keep the inflator clean and tidy. Regularly wipe the machine body with a clean soft cloth. Do not splash water or oil on the inflator body.
- 8.2. **REMOTE: CHANGE BATTERY**
Remove screw on back. Gently prise back cover up to reveal cut out on each side on the long edge. Use a small screwdriver to lever the back cover off.
Replace battery respecting polarity.
Slide rear cover back and refit screw.
- 8.3. **CALIBRATION**
This equipment has been calibrated in the factory and has the self-calibration function. If calibration is required, please contact Sealey.
- 8.4. **WHAT TO DO IN EVENT OF MALFUNCTION OR BREAKDOWN (after referring to Fault Analysis below)**
If product fails to operate as expected or emits any unusual noises or vibration, disconnect mains and air supplies and contact supplier.

9. BATTERY SAFETY

Information on symptoms from battery ingestion. There are no obvious symptoms.

Unfortunately it is not obvious when a button or coin battery is stuck in a child's oesophagus (food pipe).

There are no specific symptoms associated with this:

cough, gag or drool a lot

appear to have a stomach upset or a virus

be sick

point to their throat or stomach

have a pain in their abdomen, chest or throat

be tired or lethargic

be quieter or more clingy than usual or otherwise not "themselves"

lose appetite or have a reduced appetite; and

not want to eat solid food/be unable to eat solid food

These sorts of symptoms vary or fluctuate, with the pain increasing and then subsiding.

A specific symptom to button and coin battery ingestion is vomiting fresh (bright red) blood. If the child does this seek immediate medical help.

The lack of clear symptoms is why it is important to be vigilant with "flat" or spare button or coin batteries in the home and the products that contain them.

10. FAULT ANALYSIS

Fault	Possible cause	Solution
There is a leakage after connecting the air supply	The connection isn't air tight	Check the air hose connection
The inflator is working, but no air supplied	Filter or air hose is blocked	Clean filter, check air hose
After the pressure is set and the inflator is connected to the tyre, the inflator does not start automatically	The valve connector is not connected tightly enough to the valve	Check valve connection for leakage
	At present, the tire pressure is below 0.2Bar	Long press the  button
The inflator deflates very slowly	Muffler is blocked	Clean the muffler
The LCD displays Er1	The pressure sensor is damaged	Turn off the power and return product to the supplier
The LCD displays Er2	The valve connection is leaking air	Refit the valve connector to avoid air leakage
The LCD displays Er3	The tyre pressure to be inflated is too high, greater than 13 Bar	Stop inflation
The LCD displays Er4	The inlet and outlet ends are connected incorrectly	Connect the two ends correctly according to the inlet and outlet labels
The LCD displays Er5	Low voltage	Check power supply
The LCD displays Er7	The program calibration data is lost	Return product to supplier

The LCD displays Er8	The intake air supply pressure is lower than the set pressure value of the pneumatic tire or there is no intake pressure	Check the air supply
----------------------	--	----------------------

11. END OF LIFE

At the end of its useful life product needs to be recycled according to regulations in force, including the battery in the remote.



ENVIRONMENT 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 any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



REGISTER YOUR
PURCHASE HERE



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.



BATTERY REMOVAL

Under the Waste Batteries and Accumulators Regulations 2009, Jack Sealey Ltd are required to inform potential purchasers of products containing batteries (as defined within these regulations), that they are registered with Valpak's registered compliance scheme. Jack Sealey Ltd Batteries Producer Registration Number (BPRN) is BPRN00705.

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 is required for any claim.

Jack Sealey Ltd t/a Sealey Group, Kempson Way, Suffolk Business Park, Bury St Edmunds, Suffolk, IP32 7AR UK
Jack Sealey (EU) Ltd t/a Sealey Group, Farney Street, Carrickmacross, Co. Monaghan, A81 PK68 Ireland
Tel: 01284 757500 • **Email:** sales@sealey.co.uk • **Web:** www.sealey.co.uk