

TYRE INFLATOR DIGITAL AUTOMATIC ACS7500



OPERATING INSTRUCTIONS

PRODUCT NO.

11.0545 Tyre Inflator Digital Automatic
11.05450S Tyre Inflator Digital Automatic
11.05450S2 Tyre Inflator Digital Automatic
11.0545NA Tyre Inflator Digital Automatic

UK CA  COMPLIES WITH
EN12645: 2014*

TYRE INFLATOR DIGITAL AUTOMATIC

The Jamec Pem Digital Automatic Tyre Inflator represent quality and guaranteed accuracy. The classic handheld, slimline design is easy to hold and is designed to last in rugged workshop environments, utilised in a majority of Australian service stations.

FEATURES

- Includes Certificate of calibration
- Multi-scale gauge
- Large LCD backlit digital display
- Audible warning once pressure is reached
- Accuracy exceeds EC Standards
- OPS (Over Pressure Setting) function that allows the tyre to be inflated to a certain pressure then deflates automatically to a normal operating pressure, used for seating tyres on rims
- Tough die-cast aluminium housing
- Mechanical anti-vandal buttons
- Includes NITTO (MILTON) equivalent adaptor
- IP rated
- Wall mounted preset inflator

SPECIFICATIONS				
Part No	11.0545	11.05450S	11.05450S2	11.0545NA
Operation	Auto inflate / deflate / measure			
Supply pressure max.	182 psi			
Max. inflation	174 psi			
Chuck type	Clip on			
Chuck style	Single straight			
Scale	psi, kPa, bar, kg/cm ²			
Inlet size	1/4" BSP			1/4"
Hose length	7600 mm			25'
Accuracy	Measurement ± 1 psi @ 25 – 75 psi Reading/display 0.1 psi			
Inflation volume L/min	3,000 L/min @ 182 psi			
Power source	110-240V AC		EU 2 pin	110-240V AC
IP rating	IP56			
Weight	5.5 kg			
Advised application	Industrial, mechanical workshops, forecourts and tyre stores			
Packaging	Cardboard box with label			

MAINTENANCE

DAILY MAINTENANCE

The device does not require a particular maintenance routine but a check of the pneumatic connection is suggested frequently to make sure of correct air supply, the use of an air pre-filter is essential for this unit to operate properly.

SPECIAL MAINTENANCE

This is a sensitive piece of equipment if you have an error that cannot easily be fixed please contact an authorised service agent.

IMPORTANT

This tyre inflator must only be connected to air line systems which have clean dry air. Any moisture in the air line system may cause damage to the operation of this tyre inflator and void warranty.

Air pre-filters must be used with this inflator to ensure product accuracy and longevity.

COMPONENTS LIST

Please check and make sure that the following components are complete in the package.

- Automatic Tyre Inflator with power cord
- 7600 mm (25') Air Hose
- Hook and M6 x 38 screw kit (1pc)
- User manual
- M6 x 38 screw 4pcs for wall mounting

INSTALLATION

1. Unpack the unit.
2. Hold the unit up on the wall and mark where the four (4) holes are to be drilled.
3. Secure the unit using suitable fastener.
4. Connect the air supply to the unit.
5. Connect the rubber hose as air outlet
6. Connect the power supply.

WARNING

To avoid risk of personal injury, especially to the eyes, face and skin **DO NOT** direct the air stream at any person, or any part of the body.

This equipment is not intended for use by children without adult supervision. The manufacturer reserves the right to change product features at any time without notice. When using the OPS function, the sum pressure must not exceed the tyre manufacturer's maximum inflation pressure.

This unit is connected directly to compressed air and this air contains oil and water. Water is from condensation and oil is from the compressor. Water and oil will destroy this device, so it is important to filter them out first from the system, this means you must attach a filter prior to this device's air connection.

Electrical connection should be carried out by qualified person strictly according to the related regulation applicable at the place where the inflator is used.

To avoid equipment damage, never exceed the maximum inlet pressure or 12 bar / 1200 kPa / 174 psi / 12 kg / cm²

GENERAL NOTES

- During extended inactivity, please package the inflator and keep it away from damp, heat or impact, etc.
- After unpacking the inflator, the packing materials should be disposed of according to the laws and regulations applicable to the country being used.
- Please check carefully to ensure that no part is damaged, so to ensure safe and normal operation.
- The Automatic Tyre Inflator can be installed outside, but a shelter is suggested, so to protect the equipment from the weather and extend the service life.

SAFETY

Never exceed the maximum pressure of the tyre. Check that the hose and chuck are in good condition with no damage or cracks. Ensure safe working environment when using compressed air. Return to authorised service agent for repair and maintenance.

The device includes the OPS (Over Pressure Setting) function which allows for the tyre's pressure to be set very high and then reduced to the pre-determined pressure. This is very handy for use when a new tyre is fitted to a rim.

UNIT OF MEASURE SELECT:

This device has four units of measure that can be chosen by the user:

- kPa - kilopascals
- bar
- psi - pounds per square inch
- kg / cm² - kilograms per square centimetre

Once the unit is set here, it will become the default unit for following usage.

1. Press Unit Option and SET will be shown on the CD screen and the unit will be flashing.
2. Press + or - to choose the unit.
3. Press CONFIRM to confirm unit of measure.

SET OPS:

1. Press Unit Option twice, SET and OPS will be shown on the LCD screen, OPS will be flashing
2. Press + or - to choose the OPS value.
3. Press CONFIRM to confirm. If OPS value is not zero, OPS will be displayed at the LCD screen.

INFLATION AND DEFLATION:

1. Press + or - to select target pressure.
2. Connect with tyre, ensure no air leaks, inflator will start automatically.
3. When inflation is finished, the tyre inflator will stop automatically and BEEP to warn users that inflation has reached target pressure.
4. Disconnect the air hose from tyre.

FUNCTIONS:

1. Press Unit Option to enter the function setting mode. After selecting the unit, press Unit Option again to enter the OPS setting directly, press Unit Option three times and the device will exit out of the setting mode without saving the selection.
2. When OPS function is on, the device will inflate to target pressure plus OPS value first, then deflate to tyre pressure desired, for example: A final target of 32 psi or 2.2 bar with an OPS setting of 16 psi or 1.1 bar gives a sum of 48 psi or 3.3 bar. This sum of 48 psi or 3.3 bar is the Over Pressure setting for the tyre. The tyre will inflate to the sum value and deflate to the final target pressure.
3. If tyre pressure is lower than 3 psi or 0.2 bar, the device will not start automatically. Press FLAT TYRE for 2 seconds to start manually.
4. During inflation, the device will check tyre pressure automatically, the rolling bar shows inflation/deflation in progress and left to right means inflating, right to left means deflating.

PRODUCT IDENTIFICATION



Fig. 1 Control panel

CONTROL PANEL

1. Mounting Point (x 4)
2. - Target pressure control
3. + Target pressure control
4. Display
5. FLAT TYRE / CONFIRM flat tyre mode air START/STOP control; function select confirm
6. Unit option unit of measure select; over Pressure Setting set control



Fig. 2 Connections

CONNECTIONS

7. Power cable
8. Pressurised air inlet
9. Air hose outlet
10. Exhaust plug
11. Buzzer (audible warning)



Fig. 3 Display

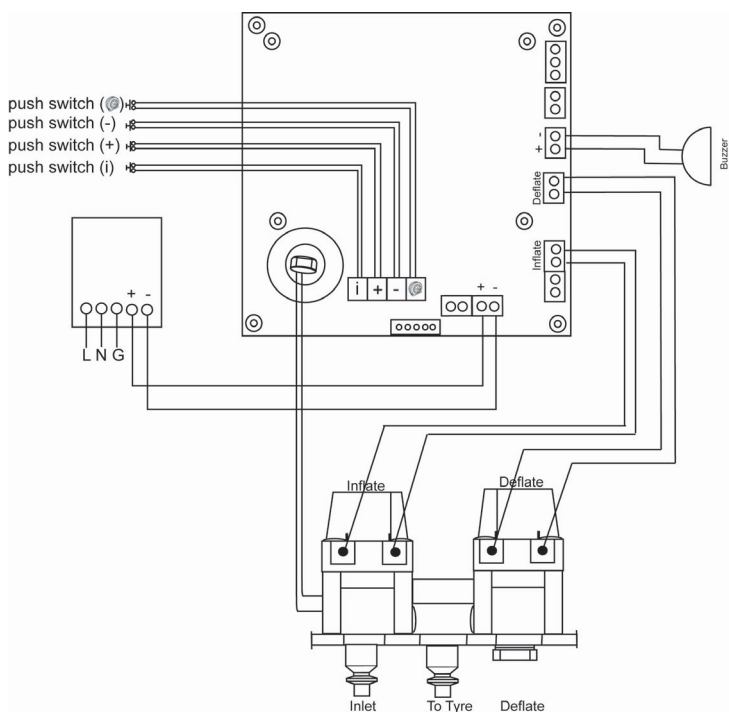
DISPLAY

12. Unit of measure
13. Pressure display
14. Function selection
15. Rolling bar

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Air leak	Leak in the connection	Check the pneumatic connection and make sure of seals
The inflator works, but no air inflated	Obstruction in the filters or in air system	Clean the filters and check the air tube
Inflation does not start, although the pressure is set and the hose is connected to the tyre	Air hose improperly connected	Check the hose connection, make sure that no air leaks
	Tyre pressure is below 0.2 bar (3 psi)	Press FLAT TYRE
The unit deflates very slowly	The exhaust plug is blocked	Remove and clean the exhaust plug
ER1	Pressure sensor broken	Power off, change pressure sensor
ER2	Unstable pressure, faulty hose connector	Replace hose connector or re-connect hose to the tyre
ER3	Connected tyre pressure is too high > 13 bar (188.5 psi)	Stop inflating the tyre
ER4	Wrong connections at air inlet and outlet	Refer to wiring diagram and connect magnetic valve accordingly
ER5	Low voltage	Check the power supply
ER8	Air supply lower than set inflate pressure	Stop inflating this tyre

WIRING DIAGRAM



12.5 bar / 182 psi

CALIBRATION CERTIFICATE

This Tyre Inflator Part Number: 11.0545, 11.05450S, 11.05450S2 and 11.0545NA has been calibrated in its normal working position on test equipment with an accuracy that is traceable to standards according to: **EN12645: 2014**

Serial Number:

Date:

ALLOWABLE TOLERANCE

PSI	± 1.2	Up to and including 58 psi
	± 2.3	Between 58 & 145 psi inclusive
	± 3.6	Greater than 145 psi

TEST RESULTS

REFERENCE PRESSURE PSI	29.0	58.0	87.0	116.0
DISPLAY PRESSURE PSI				

UK CA **CE** COMPLIES WITH **EN12645: 2014***

* Tyre pressure measuring Instruments, devices for Inspection of pressure and/or Inflation/Deflation of tyres for motor vehicles.

IMPORTANT

No responsibility is accepted for incorrect use of this product.

JAMEC PEM

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