

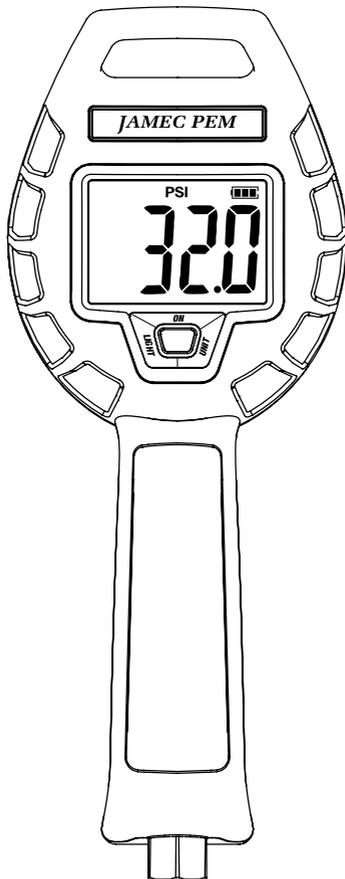
JAMEC PEM

COUPLE UP WITH THE RIGHT CONNECTION

TDR4000

TYRE INFLATOR

Instruction Manual



CE

COMPLIES WITH
EN12645: 2014*

Part No. 11.0723

TDR4000 Automatic Tyre Inflator

Thank you for selecting this Jamec Pem TDR4000 Tyre Inflator. Please read this manual before carrying out any installation or service procedure. This manual is an integral and essential part of the product, please keep it away from damp, heat, dust, oils, do not remove, tear or amend any parts of the manual for any reason. It must be made available to the operator and to maintenance personnel, also to ensure staff training. If you lose or damage the manual, ask the manufacturer for a copy, quoting the Part No. The manual must always remain with the machine, in the event of the machine being sold, it must be given to the new user. The manufacturer reserves the right to change product features at any time without notice.

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.

Features

- Auto ON, upon air pressure sensing
- Large tilted LCD display with backlight and 90 second auto OFF
- IP rating = IP44
- Multi scale gauge
- Die cast aluminium unit with impact bumper and lightweight ABS handle and trigger
- Supplied with official calibration certificate
- Wire sheathed hose on flex area of hose to eliminate kinking
- Lightweight and robust
- Complies with EN12645: 2014*

Operation

■ To read pressure:

Remove tyre valve cap.

With clip-on air chuck lever depressed, firmly press chuck onto tyre valve stem and release lever, ensure that no air leaks.

Check pressure gauge, the digital display will activate once the tyre pressure is sensed. If no pressure is sensed the display will not turn on. Press the tyre inflator lever to add air into the tyre, before reading the pressure.

■ To inflate:

With clip-on air chuck lever depressed, firmly press chuck onto tyre valve stem and release lever, ensure that no air leaks.

Fully depress the tyre inflator lever for an appropriate period of time and release the lever.

Check pressure gauge and repeat the procedure until correct pressure level is achieved.

■ To deflate:

With clip-on air chuck lever depressed, firmly press chuck onto tyre valve stem and release lever, ensure that no air leaks.

Depress the tyre inflator lever half way (until air can be heard to be escaping) for an appropriate period of time and release the lever.

Check pressure gauge and repeat the procedure until correct pressure level is achieved.

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.

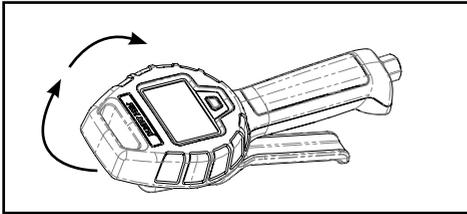
WARNING

To avoid the risk of personal injury, especially to the eyes, face or 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.

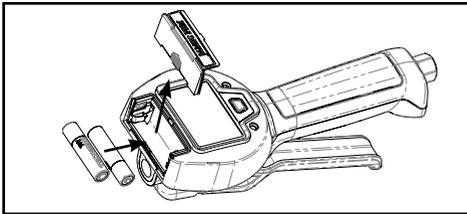
Battery Change

This inflator requires 2 x AAA batteries. If the voltage of the batteries fall below 2.6 volts, the battery icon will flash continuously until it shuts down. If the voltage of the batteries fall below

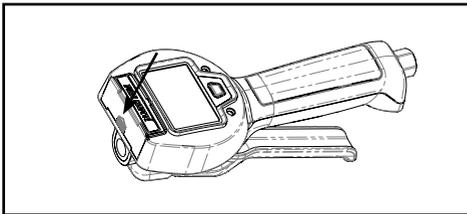
2.5 volts, the low "LO" battery icon appears while the power is on and then shuts down automatically. The batteries must be changed if the battery icon flashes.



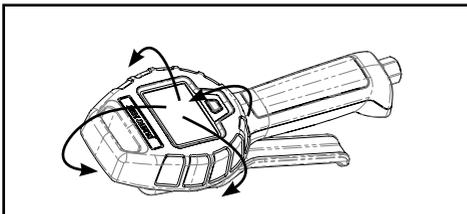
1. Remove the impact bumper by pulling it up from the inflator base.



2. Slide battery cap up.
Replace batteries noting polarity marks (+ or -).



3. Replace the battery cap.



4. Replace impact bumper by pushing over inflator housing making sure to put locating lugs back into the correct position.

Calibration Certificate

This Digital Automatic Tyre Inflator has been calibrated in its normal working position on test equipment with an accuracy that is traceable to International Standards according to: 86/217/EEC.

Serial Number: _____

Date: _____

ALLOWABLE TOLERANCE

| | | |
|-----|--------|------------------------------------|
| BAR | ±0.08 | up to and including 4 bar |
| | ±0.16 | between 4 bar and 10 bar inclusive |
| | ±0.25 | greater than 10 bar |
| psi | +/-1.2 | up to and including 58 psi |
| | +/-2.3 | between 58 and 145 psi inclusive |
| | +/-3.6 | greater than 145 psi |

TEST RESULTS

| | | | | |
|---|--|--|--|--|
| Reference pressure | | | | |
| <input type="checkbox"/> BAR <input type="checkbox"/> PSI | | | | |
| Display pressure | | | | |
| <input type="checkbox"/> BAR <input type="checkbox"/> PSI | | | | |

SPECIFICATIONS

| | |
|-------------------------------|--|
| Description | Handheld TDR4000 |
| Type of Inflator | Digital |
| Reader unit | Digital with backlit display |
| Chuck type | Clip on |
| Chuck style | Single straight |
| Scale | 0-12bar, 0-174psi, 0-1200kPa, 0-12kgF |
| Inlet size | ¼" female |
| Hose length | 500mm with swivel (19.7") |
| Dimensions | 235 L x 90 W x 110 Hmm (9.25" L x 3.5" W x 4.3" H) |
| Weight | 0.68 kg (1.5 lbs) |
| Accuracy | +/- 2psi @ 25-75 psi. |
| Operation | Inflate, deflate, measure |
| Supply pressure max. | 200psi, 1375kPa |
| Max. inflation | 174psi |
| Powered by | 2 x AAA Batteries (included) |
| Battery life (continuous use) | 80 hours |
| Inflation flow | 1200 L/min @ 1375Kpa (42.4cfm @ 200psi) |
| IP rating | IP44 |
| Auto OFF | 90 seconds |
| Auto ON | Upon air pressure sensing |
| Advised application | Industrial, workshops |

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* Tyre pressure measuring instruments, devices for inspection of pressure and/or inflation/deflation of tyres for motor vehicles.