



JAMEC PEM

COUPLE UP WITH THE RIGHT CONNECTION

DIGITAL TEST GAUGE



Operating Instructions

Part No. 05.3000D

CE
COMPLIES WITH
EN12645: 2014*





Thank you for selecting this Jamec Pem Digital Test Gauge. 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 and 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 product, in the event of the product being sold, it must be given to the new user. The manufacturer reserves the right to change product features at any time without notice.

FEATURES

- Tests the accuracy of existing tyre gauges/ inflators and measures tyre pressure
- Solid brass base that lays flat allowing a tyre gauge to be connected to the valve
- Rubber boot for protection of the gauge
- Can be used as a digital tyre gauge
- 1m hose allows ample reach
- Swivel fitting on the chuck allows easy connection to the tyre valve
- Easy to read backlight LCD display
- Units of measure (psi, bar)
- Measures to 174 psi, 12 bar
- 90 second auto off function
- Individually calibrated and tested (see calibration certificate)

OPERATION

1. Remove tyre valve cap.
2. Turn on the test gauge by pressing the On button: Press the on/unit/light button to turn on the inflator, if the unit is not used the inflator will be turned off automatically after 90 seconds.
3. Lay the Digital Test Gauge flat on the ground or somewhere where easy access to the checking valve is allowed.
4. Place the clip on chuck onto tyre valve ensuring there are no air leaks. This Digital Test Gauge can be used with any air source as long as the air source does not exceed max air supply of 200 psi
5. The Digital Test Gauge should now give you a reading of the air pressure from the source supply.
6. Connect the tyre gauge or inflator to be tested to the check valve and compare the reading of the digital display to the tyre gauge / inflator being tested.
7. They should be within +- 2 psi of each other. If they are not then the tyre gauge / inflator being tested may have a problem.
8. Please NOTE: Ambient temperatures, leaking chucks, leaking hoses, leaking connections can all contribute to inaccuracies all of the above need to be checked before any accuracy can be assessed.
9. Backlight: When the test gauge is on, press the on/unit/light button to turn on the backlight when used in low light. The backlight will turn off automatically in 5 seconds. Backlight will not be activated by turning on the inflator and can only be activated by pressing the on/unit/light button once the unit is turned on.
10. Changing the unit of measure: Press on/unit/light button for at least 3 seconds to enter unit change mode, then one quick press of the on/unit/light button to choose the desired unit. The unit chosen will be the default unit until changed by the above procedure.
11. The battery used is a 2 x AAA, once the voltage goes below 2.4 V, the low battery signal on the top left will be displayed until a new battery is installed.





WARNING

To avoid the risk of personal injury, especially to the eyes, face or skin, DO NOT direct any 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 REPLACEMENT



Peel back rubber boot to reveal the battery holder



Open battery holder



Replace batteries



Close battery holder



Replace rubber boot



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SPECIFICATIONS

Part No.	05.3000D
Reader Unit	Digital display
Chuck Type	Clip on, non-sealing
Chuck Style	Angled single
Scale	Dual scale 174 psi, 12 bar > max range
Max Air Supply	200 psi
Hose Length	1m
Dimensions	1.13M total length
Weight	1kg
Accuracy	±2 psi 25-75 psi
Advised Application	Testing accuracy of inflation equipment and can also be used as a digital tyre gauge
Auto Off After	90 seconds
Backlight Display	Yes
Powered By	2 x AAA batteries (included)
Calibration	Includes a certificate of calibration

CALIBRATION CERTIFICATE

This Digital Test Gauge has been calibrated in its normal working position on test equipment with an accuracy that is traceable to Standards according to: EN 12645:2014

CE COMPLIES WITH EN12645: 2014*

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

Serial No.:

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 Result

Reference Pressure				
<input type="checkbox"/> bar <input type="checkbox"/> psi				
Display Pressure				
<input type="checkbox"/> bar <input type="checkbox"/> psi				

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