

## TYRE INFLATOR ANALOGUE - TDR2000



### OPERATING INSTRUCTIONS

#### PRODUCT NO.

**10.2000** - 500 mm Hose- Hold on dual angle - **TYRE INFLATOR ANALOGUE - TDR2000**

**10.20000S** - 500 mm Hose- Hold on dual angle - **TYRE INFLATOR ANALOGUE - TDR2000**

**10.20000S4** - 2700 mm Hose- Single clip on chuck - **TYRE INFLATOR ANALOGUE - TDR2000**

**10.20000S5** - 2700 mm Hose - Twin clip on chuck dual angle - **TYRE INFLATOR ANALOGUE - TDR2000**

## TYRE INFLATOR

### ANALOGUE - TDR2000

The Jamec Pem TDR2000 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 analogue bar gauge
- Wire sheathed hose eliminates kinking
- Impact absorbing bumpers
- Tough die cast aluminium housing
- Accuracy exceeds EC Standards
- Rubber grip on chuck
- IP rated

#### SPECIFICATIONS

<b>Part No.</b>	10.2000	10.20000S
<b>Operation</b>	Inflate / deflate / measure	Inflate / deflate / measure
<b>Supply pressure max.</b>	200 psi	200 Psi
<b>Max. inflation</b>	138 psi	138 Psi, 9.6 Bar
<b>Chuck type</b>	Hold on	Hold on
<b>Chuck style</b>	Dual angle	Dual angle
<b>Scale</b>	psi, kPa	Psi, bar
<b>Inlet size</b>	1/4" BSP	1/4" Bsp
<b>Hose length</b>	500 mm	500 mm
<b>Accuracy</b>	± 2 psi @ 25 - 75 psi	± 2 Psi @ 25 - 75 psi
<b>Inflation volume L/min</b>	500 L/min @ 188 psi	500 L/min @ 188 psi
<b>Dimensions</b>	265 L x 50 w x 70 h mm	265 L x 50 w x 70 h mm
<b>Weight</b>	.95 kg	.95 Kg
<b>Advised application</b>	Industrial, workshops	Industrial, workshops
<b>Packaging style</b>	Jamec Pem Box	Jamec Pem Box

#### SPECIFICATIONS

<b>Part No.</b>	10.20000S4	10.20000S5
<b>Operation</b>	Inflate / deflate / measure	Inflate / deflate / measure
<b>Supply pressure max.</b>	200 psi	200 psi
<b>Max. inflation</b>	138 psi, 9.6 bar	138 psi, 9.6 bar
<b>Chuck type</b>	Clip on	Twin clip
<b>Chuck style</b>	Single	Dual angle
<b>Scale</b>	psi, bar	psi, bar
<b>Inlet size</b>	1/4" BSP	1/4" BSP
<b>Hose length</b>	2700 mm	2700 mm
<b>Accuracy</b>	± 2 psi @ 25 - 75 psi	± 2 psi @ 25 - 75 psi
<b>Inflation volume L/min</b>	500 L/min @ 188 psi	500 L/min @ 188 psi
<b>Dimensions</b>	265 L x 50 W x 70 H mm	265 L x 50 W x 70 H mm
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#### MAINTENANCE MONTHLY

Remove the 'oil' screw on the side of the gauge and place 2-3 drops of 'light' oil into the gauge mechanism.

#### 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.

#### 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.

**Digital** - 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.

**Analogue** - the dial gauge will activate once the tyre pressure is sensed. If no pressure is sensed, 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 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.

## CALIBRATION CERTIFICATE

This Tyre Inflator Part Number: 10.2000, 10.20000S, 10.20000S4 and 10.20000S5 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

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

### TEST RESULTS

<b>REFERENCE PRESSURE PSI</b>	29.0	58.0	87.0	116.0
<b>DISPLAY PRESSURE PSI</b>				

## IMPORTANT

No responsibility is accepted for incorrect use of this product.

## TYRE INFLATOR

ANALOGUE - TDR2000

### MANUAL CALIBRATION PROCEDURE

#### STEP 1

Remove these two screws.



#### STEP 2

Separate shell and main body.



#### STEP 3

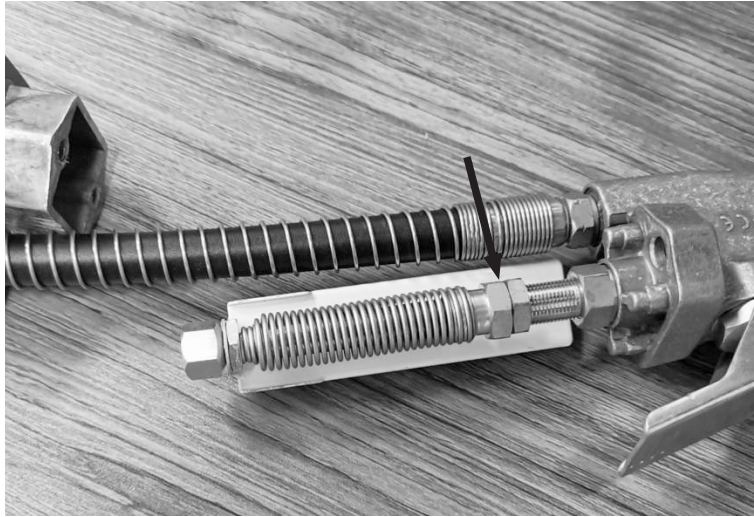
Loosen the two nuts with a spanner to adjust the scale back to zero.



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## STEP 4

The spring nut is used to adjust the scale back to zero by adjusting it up and down.



## STEP 5

Check if it is aligned with the zero on the scale (see image below). After adjustment, use a spanner to lock the two nuts in place. After it is locked, reassemble the inflator in reverse of the previous steps (steps 2 & 1).



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