

Tyre Inflator Gauge

TIG

TIG-CEE

Reliable and sturdy, this 3 in 1 tyre gauge is designed to:

- a. Measure tyre pressure
- b. Inflate tyres
- c. Deflate tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure

Available with choice of

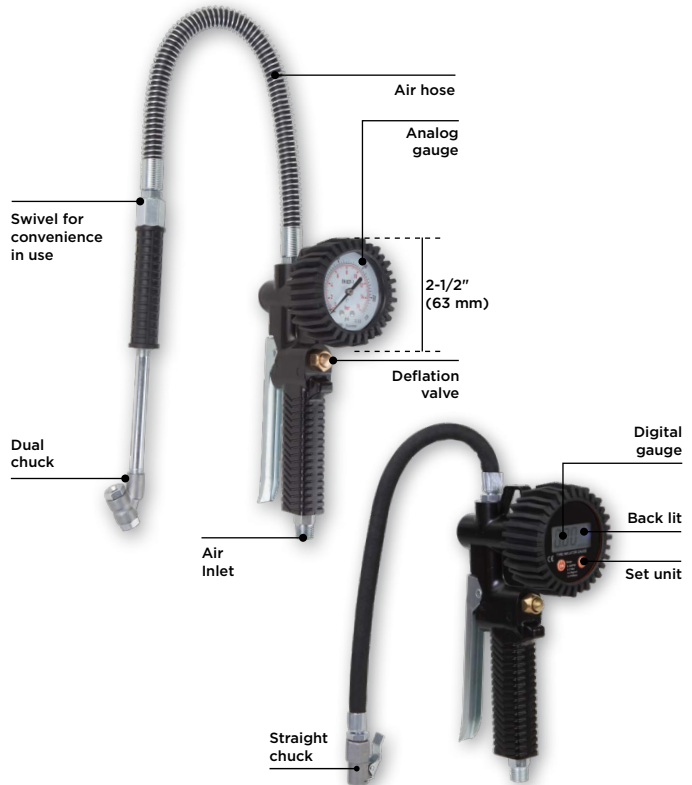
- a. Analog Gauge
- b. Digital Gauge

Also available with tyre inflator gauge with homologated pressure gauge, conforming to EU directive 86/217/CEE

Available with choice of

- a. Flexible hose with straight chuck
- b. Flexible hose with rigid extension & dual chuck

Especially useful for HCV's



CAT NR.		DESCRIPTION
BSP THREADS	NPT THREADS	
TIG/M/12/BSP	TIG/M/12/N	12" (300 mm) Flexible hose with straight chuck; Analog Gauge
TIG/D/12/BSP	TIG/D/12/N	12" (300 mm) Flexible hose with straight chuck; Digital Gauge
-	TIG/M/24/N	24" (600 mm) Flexible hose with straight chuck; Analog Gauge
TIG/M/24D/BSP	TIG/M/24D/N	24" (600 mm) Flexible hose with dual chuck; Analog Gauge
TIG/D/24D/BSP	TIG/D/24D/N	24" (600 mm) Flexible hose with dual chuck; Digital Gauge
-	TIG/D/72D/N	72" (1830 mm) Flexible hose with dual chuck; Digital Gauge
TIG/M-CEE/12/BSP	-	12" (300 mm) Flexible hose with straight chuck; Analog Gauge; Conforming to EU directive 86/217/CEE
TIG/M-CEE/24D/BSP	-	24" (600 mm) Flexible hose with dual chuck; Analog Gauge; Conforming to EU directive 86/217/CEE

SPECIFICATIONS

	TIG/M/12	TIG/D/12	TIG/M/24	TIG/M/24D
GAUGE TYPE	Analogue	Digital	Analogue	Analogue
GAUGE DIA	2-1/2" (63 mm)	2-1/2" (63 mm)	2-1/2" (63 mm)	2-1/2" (63 mm)
BACKLIGHT	No	Yes	No	No
AVAILABLE UNIT	PSI, Bar	PSI, BAR, Mpa, Kg/cm2	PSI, BAR	PSI, BAR
MAX. PRESSURE	Upto 50 PSI (3.5 BAR)	Upto 300 PSI (21 BAR)	Upto 50 PSI (3.5 BAR)	Upto 210 PSI (15 BAR)
ACCURACY	± 2 PSI	± 1% of Full scale	± 2 PSI	± 1.6%
RESOLUTION	1 PSI	0.1 PSI	1 PSI	2 PSI
POWER SUPPLY	No	Lithium Battery	No	No
THREAD TYPE	BSP, NPT	BSP, NPT	NPT	BSP, NPT
CHUCK TYPE	Straight Chuck	Straight Chuck	Straight Chuck	Dual Chuck
EXTENSION TYPE	Flexible	Flexible	Flexible	Flexible with Rigid Extension
EXTENSION LENGTH	12" (300 mm)	12" (300 mm)	24" (600 mm)	24" (600 mm)
APPLICATION	Cars	Cars	Truck & Buses	Truck & Buses

	TIG/D/24D	TIG/D/72D	TIG/M-CEE/12	TIG/M-CEE/24D
GAUGE TYPE	Digital	Digital	Analogue	Analogue
GAUGE DIA	2-1/2" (63 mm)	2-1/2" (63 mm)	2-1/2" (63 mm)	2-1/2" (63 mm)
BACKLIGHT	Yes	Yes	No	No
AVAILABLE UNIT	PSI, Bar, Mpa, Kg/cm2	PSI, Bar, Mpa, Kg/cm2	PSI, Bar	PSI, Bar
MAX. PRESSURE	Upto 300 PSI (21 BAR)	Upto 300 PSI (21 BAR)	Upto 140 PSI (10 BAR)	Upto 140 PSI (10 BAR)
ACCURACY	± 1% of Full scale	± 1% of Full scale	±0.08% < 4 BAR (58 PSI) ±1.6% > 4 BAR (58 PSI)	±0.08% < 4 BAR (58 PSI) ±1.6% > 4 BAR (58 PSI)
RESOLUTION	0.1 PSI	0.1 PSI	2 PSI	2 PSI
POWER SUPPLY	Lithium Battery	Lithium Battery	No	No
THREAD TYPE	BSP, NPT	NPT	BSP	BSP
CHUCK TYPE	Dual Chuck	Dual Chuck	Straight Chuck	Dual Chuck
EXTENSION TYPE	Flexible with Rigid Extension	Flexible with Rigid Extension	Flexible	Flexible with Rigid Extension
EXTENSION LENGTH	24" (600 mm)	72" (1830 mm)	12" (300 mm)	24" (600 mm)
APPLICATION	Truck & Buses	Truck & Buses	Cars	Truck & Buses

SAFETY INFORMATION

- Follow workshop health & safety rules, regulations and conditions when using the tyre inflator gauge
- During their period of use, accessories must be checked for wear, cracks and other damage, replace any damaged or worn parts
- Use genuine parts only. Unauthorized parts may be dangerous and will void the warranty
- Wear approved safety gloves and eye and ear protection
- Keep the tyre inflator gauge clean and in good working order for best and safest performance.
- DO NOT use the tyre inflator gauge for a task it is not designed to perform
- DO NOT drop, throw or abuse the tyre inflator gauge
- DO NOT carry the tyre inflator gauge by the hose

WARNING!

- DO NOT use tyre inflator gauge if damaged or thought to be faulty. Contact your local service agent

PACKAGE CONTENT

DESCRIPTION	QTY.
Tyre Inflator Gauge	1
O.I.P.M.	1

BEFORE INSTALLATION

- Use only original accessories compliant with this tyre inflator gauge
- Make sure that all connections are secure.
- **Clean Supply of Air:** Make sure air quality is good with no contaminants or moisture
- **Regulator:** Since compressed air may be used at many points in the shop, air pressure in the line will keep fluctuating. It is important to use an air regulator in the air line which will maintain constant pressure
- Use thread sealant for all threaded connections

WARNING!

- Defective accessories can lead to personal injury and material damage

INSTALLATION

1. Connect the Tyre Inflator Gauge with the air compressor line
2. Press & hold the chuck lever & push the chuck onto the Inflator Valve on the tyre. In case of dual chuck, it is only required to be pushed onto the valve
3. Straight chuck is used for passenger cars, motor bikes etc. with air valve facing outward whereas the Dual chuck is used for commercial vehicles where the air valves face outward and inward both

CAUTION

- An FRL unit must be used in the air supply, before it is connected to the tyre inflator gauge
- While inserting the Chuck onto the Tyre Inflator Valve, make sure that it properly sits onto the valve

OPERATING INSTRUCTIONS

To check the pressure

1. Connect the chuck to the Inflator Valve on the tyre and observe the pressure on the pressure gauge

To switch On/Off the back-light in digital gauge

1. Press the ON button once to switch ON the light
2. Press the ON button again to switch OFF the light

To set the measuring unit in digital gauge

1. The Digital Gauge can measure in 4 different units PSI, BAR, Kpa & Kg/cm²
2. Press the PSI-KPA button on the right once to switch on the display
3. Now with every press of this button the measuring unit will change.
4. Keep pressing it till it displays the desired measuring unit

Inflating the tyre

1. Firstly check the tyre pressure.
2. Now, press the trigger on the tyre inflator gauge to start inflating the tyre
3. Release the trigger and check the tyre pressure again by looking at the tyre inflator gauge
4. Repeat the above steps until the desired pressure has been reached, release the trigger of tyre inflator gauge and pull out the chuck

Deflating the tyre

1. Firstly check the tyre pressure
2. Press the deflator valve on the tyre inflator gauge to start deflating the tyre
3. Release the deflator valve and check the tyre pressure again by looking at the tyre inflator gauge
4. Repeat the above steps until the pressure inside the tyre reduces to the desired pressure, release the deflator valve and pull out the chuck

WARNING!

- Dual chuck needs to be held & pushed by the operator during all the above mentioned operations as it is not a clip on type chuck or straight chuck
- Make sure tyre is not inflated beyond its rated pressure rating which is generally mentioned on the tyre itself



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Leakage in dual Chuck during inflation	Not enough force applied on the chuck	In dual chuck force has to be applied externally so that the chuck stays intact on the tyre air valve. Whereas as straight chuck comes with a clip which keeps the chuck in place during operation
Leakage from inflator gauge and air supply interface	Loose connection	Push the air supply pipe firmly into the quick connect coupler
Pressure gauge not showing the correct reading	Faulty Gauge	Replace the gauge

DISPOSAL

The components or the used products must be given to companies that specialize in the disposal and recycling of industrial waste.

GROZ WARRANTY POLICY

GROZ makes all efforts to ensure that its products meet the highest standards of quality and durability and warrants to the original purchaser its range of products for a period of 12 months from GROZ Invoice date, against defects in materials and workmanship. If the GROZ product is part of a set, only the portion that is defective is subject to this warranty.

This warranty does not apply to damage due directly or indirectly, to misuse, abuse, wear and tear, negligence or accident, repairs or alterations outside Groz plants, or to lack of maintenance. GROZ shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special or consequential damages arising from the use of its products. It is upto the user to determine suitability and safety of the product for their intended use, and the user assumes all risks and liability herewith.

In no event, shall GROZ's liability exceed the invoiced cost of the product. In case of identification of defect covered under this warranty, the same must be notified in writing to GROZ /GROZ designated authorized service location. Proof of purchase date must accompany the complaint. GROZ reserves the right to call back the faulty unit, all charges including transportation prepaid. On verification of the defect, the unit will be repaired or replaced with a new or reconditioned product or part of equal utility or a full refund given at GROZ's discretion. The repaired /replaced units will be returned to the user freight prepaid, using most economical freight carrier. However if determined that the defect resulted from causes not within the scope of the warranty, then the cost of returning the product would be to buyer's account.

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