

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

› [AUTDER](#) /

› [AUTDER Digital Tire Pressure Gauge User Manual](#)

AUTDER FC-204

AUTDER Digital Tire Pressure Gauge User Manual

Model: FC-204 | Brand: AUTDER

INTRODUCTION

The AUTDER Digital Tire Pressure Gauge is a versatile 3-in-1 tool designed for precise tire pressure measurement, inflation, and deflation. It features a large backlit LCD display for easy reading and is built with durable materials for long-lasting performance. This manual provides essential information for setting up, operating, and maintaining your device.

PRODUCT OVERVIEW & WHAT'S IN THE BOX

Your AUTDER Digital Tire Pressure Gauge comes with a complete accessories kit to ensure you have everything needed for effective tire maintenance.



Figure 1: AUTDER Digital Tire Pressure Gauge with all included accessories, including batteries, valve caps, O-rings, 90-degree valve extender, and thread seal tape.

Package Contents:

- 1x Digital Tire Pressure Gauge
- 2x AAA Batteries
- 4x Metal Valve Caps
- "O" Sealing Washers
- 1x 90° Valve Extender
- 1x Thread Seal Tape Roll

Product Detail Display



Figure 2: Detailed view of the gauge components, including the LCD Display Screen, Operation Button, Battery Compartment, Air Bleeder Valve, 1/4" NPT Quick-Connect Male Fitting, Precision "Push-to-Inflate" Thumb Trigger, and Air Chuck.

SETUP

- Battery Installation:** Open the battery compartment on the back of the gauge. Insert the 2 AAA batteries provided, ensuring correct polarity. Close the compartment securely.
- Connect Hose:** Attach the heavy-duty rubber hose to the main gauge unit by screwing it into the designated port. Ensure it

is tightened securely to prevent air leaks.

3. **Prepare for Air Compressor (for inflation/deflation):** If you intend to use the 3-in-1 inflation/deflation features, connect the 1/4" NPT quick-connect coupler to your air compressor's hose. Use the included thread seal tape on the threads for a secure, airtight connection.

OPERATING INSTRUCTIONS

The AUTDER Digital Tire Pressure Gauge is designed for ease of use across various vehicle types, including cars, trucks, motorcycles, and bicycles.

1. Power On/Off and Unit Selection:

- Press the "**ON/OFF**" button to turn on the gauge. The backlit LCD screen will illuminate.
- To cycle through measurement units (PSI, KPA, BAR, KG/CM²), press the "**UNIT/LED**" button repeatedly until your desired unit is displayed.
- The gauge features an automatic shut-off function to conserve battery life after a period of inactivity.

Large Backlit LCD Display



Figure 3: The large backlit LCD display provides clear real-time tire pressure values and battery level indication.

2. Measuring Tire Pressure:

1. Ensure the gauge is powered on and the desired unit is selected.
2. Firmly press the air chuck onto the tire's valve stem. You may hear a slight hiss of air; this is normal.
3. The digital display will show the current tire pressure reading. The gauge provides highly accurate readings with an accuracy of $\pm 1\%$ and a resolution of 0.1.

4. Remove the air chuck from the valve stem. The reading will remain on the screen for approximately 30 seconds before automatically clearing or shutting off.

Accurate Measurement in 0.1 Increments

Fast Reading with 0.1 Resolution; LCD Display Consistent for 30 Seconds



Figure 4: The gauge provides accurate measurements in 0.1 increments, with readings consistent for 30 seconds.

3. Inflating Tires:

1. Connect the 1/4" NPT quick-connect coupler to your air compressor.
2. Attach the air chuck to the tire's valve stem.

3. Press the "**Push-to-Inflate**" thumb trigger to begin inflating the tire. Monitor the digital display for real-time pressure readings.
4. Release the thumb trigger once the desired tire pressure is reached.

4. Deflating Tires:

1. Attach the air chuck to the tire's valve stem.
2. Press the built-in air bleeder valve (located near the quick-connect fitting) to release air from the tire. Monitor the digital display as pressure decreases.
3. Release the bleeder valve once the desired tire pressure is reached.

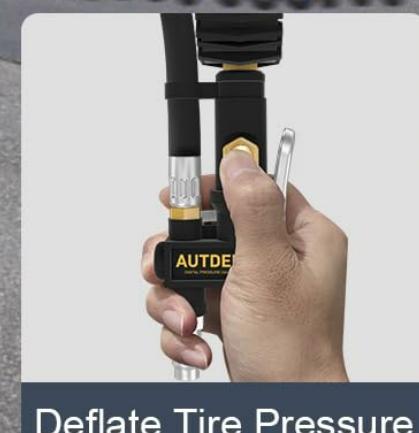
3-in-1 Digital Tire Inflator Gauge



Connect to Inflate



Check Tire Pressure



Deflate Tire Pressure

Figure 5: The gauge offers three primary functions: connecting to an air source for inflation, checking current tire pressure, and deflating tires.

5. Versatile Use:

The gauge is compatible with all Schrader valve stems and most air compressors, making it suitable for a wide range of applications.

Safety Driving is Important

Excessive and Insufficient Tire Pressure Threatens Your Safety



Figure 6: The AUTDER gauge is designed for versatile use across different vehicle types, including trucks, SUVs/RVs, cars, and motorcycles.

Official Product Video:

Your browser does not support the video tag.

Video 1: This official product video demonstrates the unboxing, setup, and operation of the AUTDER Digital Tire Pressure Gauge, including how to measure tire pressure and switch between units.

MAINTENANCE

- **Cleaning:** Wipe the gauge with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the gauge in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the battery indicator on the LCD screen shows low power, replace both AAA batteries promptly to ensure accurate readings.
- **Hose and Coupler Inspection:** Regularly inspect the rubber hose and quick-connect coupler for any signs of wear, cracks, or damage. Replace if necessary to maintain airtight connections.

Versatile Use



Figure 7: The gauge features a solid brass chuck and a heavy-duty rubber hose designed for durability and anti-breakage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Gauge does not power on.	Dead or incorrectly installed batteries.	Check battery polarity or replace batteries.

Problem	Possible Cause	Solution
Inaccurate pressure readings.	Loose connection to valve stem; low battery; gauge malfunction.	Ensure a tight seal on the valve stem. Replace batteries. If problem persists, contact customer support.
Air leaks during inflation/deflation.	Improper connection; damaged hose/coupler; worn O-rings.	Ensure all connections are tight. Inspect hose and coupler for damage. Replace O-rings if worn.
LCD display is dim or flickering.	Low battery.	Replace batteries.

SPECIFICATIONS

- Model Number:** FC-204
- Measurement Range:** 0-250 PSI (0-17 BAR, 0-1723 KPA, 0-17 KG/CM²)
- Accuracy:** ±1%
- Resolution:** 0.1
- Units:** PSI, KPA, BAR, KG/CM²
- Power Source:** 2x AAA Batteries (included)
- Materials:** Stainless Steel, Brass, Plastic, Rubber
- Product Dimensions:** 9.65 x 1.38 x 1.18 inches
- Item Weight:** 361 Grams (12.73 ounces)
- Country of Origin:** China
- Date First Available:** August 15, 2024

WARRANTY & CUSTOMER SUPPORT

AUTDER offers a one-year warranty and a 30-day money-back guarantee for this product. Our dedicated 24/7 customer support team is available to assist you with any questions or concerns regarding your Digital Tire Pressure Gauge.

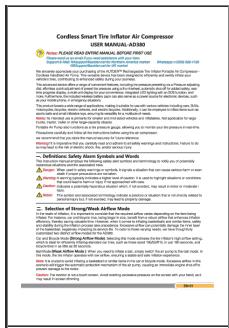
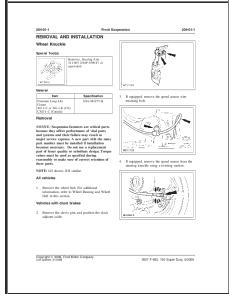
For support, please visit the official AUTDER store or contact our customer service directly.

[Visit the AUTDER Store on Amazon](#)

© 2024 AUTDER. All rights reserved.

Related Documents - FC-204

 AUTDER® Wireless Portable Air Compressor Instruction Manual/Mode d'emploi/Manual de instrucciones/Manual de instrucciones/说明书	<p>AUTDER Wireless Portable Air Compressor FC-368 User Manual</p> <p>This manual provides instructions and safety precautions for the AUTDER Wireless Portable Air Compressor, model FC-368. Learn how to charge the battery, connect and use the device, and understand its technical specifications.</p>
--	--

	<p>AUTDER Cordless Smart Tire Inflator Air Compressor AD380 User Manual</p> <p>Comprehensive user manual for the AUTDER AD380 Cordless Smart Tire Inflator Air Compressor. Learn about features, safety precautions, inflation instructions, specifications, troubleshooting, and warranty.</p>
	<p>AUTDER AD-808 12V/24V Digital Battery Tester & Charging System Analyzer User Manual</p> <p>Comprehensive user manual for the AUTDER AD-808, a 12V/24V digital battery tester and charging system analyzer. Learn how to test battery voltage, charging system, and interpret LED indicators.</p>
	<p>Ford F-650/F-750 Wheel Knuckle Removal and Installation Guide</p> <p>Comprehensive guide detailing the removal and installation procedures for the wheel knuckle on Ford F-650 and F-750 trucks. Includes special tools, material specifications, and step-by-step instructions for front suspension service.</p>