

WORKSITE WCAP115D

WORKSITE WCAP115D Cordless Tire Inflator User Manual

Model: WCAP115D

1. INTRODUCTION

Thank you for choosing the WORKSITE WCAP115D Cordless Tire Inflator. This portable air compressor is designed for convenient and efficient inflation of various items, including car tires, motorcycle tires, bicycle tires, sports balls, and other inflatables. Please read this manual thoroughly before operation to ensure safe and proper use of the device.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the device.

- **Read All Instructions:** Familiarize yourself with the operation and safety guidelines before use.
- **Keep Away from Children:** This device is not a toy. Store it out of reach of children.
- **Proper Ventilation:** Operate the inflator in a well-ventilated area.
- **Avoid Over-Inflation:** Do not exceed the recommended pressure for any item. The auto shut-off feature helps prevent this.
- **Inspect Before Use:** Check the inflator and accessories for any damage before each use. Do not operate if damaged.
- **Battery Safety:** Use only the specified battery pack and charger. Do not expose batteries to extreme temperatures or water.
- **Avoid Continuous Operation:** Allow the inflator to cool down after prolonged use to prevent overheating. Refer to specifications for maximum continuous operating time.
- **Eye Protection:** Wear safety glasses when operating the inflator to protect against debris.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- WORKSITE Cordless Tire Inflator (WCAP115D)
- 20V Battery Pack
- 12V Car Power Adapter

- Battery Charger
- 3 Nozzle Adaptors (Presta valve adaptor, needle adaptor, long cone adaptor)
- User Manual (this document)
- Tool Bag



Image 3.1: The WORKSITE WCAP115D Cordless Tire Inflator with its complete set of accessories, including the battery, charger, 12V car adapter, various nozzles, and storage bag.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your tire inflator.

- **Digital Display Gauge:** Shows current pressure and target pressure.
- **Control Buttons:** For power, setting pressure, and unit selection.

- **Air Hose:** Connects to the item being inflated.
- **LED Light:** Provides illumination in low-light conditions.
- **Battery Port:** For attaching the 20V battery pack.
- **12V DC Input:** For connecting the car power adapter.

5. SETUP

5.1 Charging the Battery

1. Connect the battery charger to a standard wall outlet.
2. Insert the 20V battery pack into the charger.
3. Allow the battery to charge fully before first use. The charger indicator light will change when charging is complete.

5.2 Powering the Inflator

The inflator offers dual power supply options:

- **Cordless Operation:** Slide the fully charged 20V battery pack onto the base of the inflator until it clicks into place.
- **12V DC Car Power:** Connect the 12V car power adapter to the inflator's 12V DC input port, then plug the other end into your vehicle's 12V accessory socket.

DUAL-POWER SUPPLY



12V DC Inflation



Cordless Inflation



Image 5.1: Illustration of the dual power supply options for the WORKSITE WCAP115D, demonstrating both 12V DC car power and cordless battery operation.

5.3 Attaching Nozzle Adaptors

Select the appropriate nozzle adaptor for the item you wish to inflate. Screw the adaptor onto the air hose valve connector securely.

6. OPERATING INSTRUCTIONS

6.1 Powering On and Setting Pressure

1. Ensure the inflator is powered (battery attached or 12V adapter connected).
2. Press the power button to turn on the inflator. The digital display will illuminate.
3. Press the 'Unit' button to cycle through pressure units: PSI, BAR, kPa. Select your desired unit.
4. Use the '+' and '-' buttons to set the desired target pressure. The display will show the target pressure blinking.



Image 6.1: The digital display of the WORKSITE WCAP115D, highlighting the pressure preset and auto shut-off functionality for precise

inflation.

6.2 Inflation Process

1. Connect the air hose with the appropriate nozzle adaptor to the valve of the item to be inflated. Ensure a secure connection to prevent air leakage.
2. Once connected, the digital display will show the current pressure of the item.
3. Press the 'On/Off' button to start inflation. The inflator will begin pumping air.
4. The inflator will automatically stop once the preset target pressure is reached.
5. Disconnect the air hose from the item.



35L/MIN FAST INFLATION

Inflate a standard car tire within 3-4 minutes

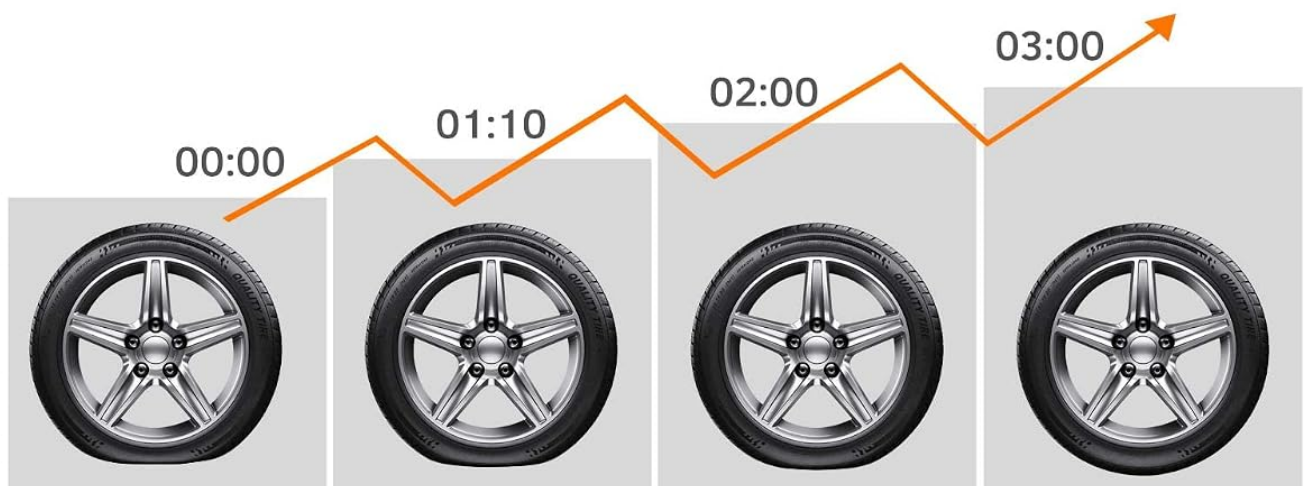


Image 6.2: The WORKSITE WCAP115D inflating a car tire, demonstrating its fast inflation capability, capable of inflating a standard car tire within 3-4 minutes.

FAST INFLATION



36psi
5-8 minutes



65psi
5 minutes



8psi
3 minutes



Image 6.3: The WORKSITE WCAP115D demonstrating its versatility by inflating a car tire to 36 PSI in 5-8 minutes, a bicycle tire to 65 PSI in 5 minutes, and a basketball to 8 PSI in 3 minutes.

6.3 Using the LED Light

The integrated LED light can be activated by pressing the dedicated light button. This is useful for operating the inflator in low-light conditions or during emergencies.

BRIGHT LED LIGHTS

Be Prepared for Dark Environment and Emergencies



Image 6.4: The WORKSITE WCAP115D's bright LED lights illuminating the area around a car tire, useful for dark environments and emergencies.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your inflator.

- **Cleaning:** Wipe the exterior of the inflator with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Storage:** Store the inflator and its accessories in the provided tool bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the battery fully before storing for extended periods and recharge every 3-6 months if not in use.
- **Hose Inspection:** Periodically check the air hose for cracks, kinks, or damage. Replace if necessary.

PORTABLE & EASY STORAGE

Easy to Carry & Humanized Storage Design



Image 7.1: The WORKSITE WCAP115D highlighting its compact dimensions (10.6" H x 7.0" W x 3.3" D), emphasizing its portable and easy storage design.

8. TROUBLESHOOTING

If you encounter issues with your WORKSITE WCAP115D, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is not charged or not properly connected. 12V adapter not connected or vehicle socket faulty.	Ensure battery is fully charged and securely attached. Check 12V adapter connection and vehicle's power socket.
Inflator runs but no air comes out.	Air hose is kinked or blocked. Nozzle adaptor not properly attached.	Check air hose for obstructions. Ensure nozzle adaptor is securely screwed onto the valve.
Inflator does not reach target pressure or stops prematurely.	Air leakage from connection. Target pressure set too low. Battery low.	Ensure a tight seal between hose/nozzle and valve. Verify target pressure setting. Recharge battery.
Inflator overheats.	Prolonged continuous operation.	Turn off the inflator and allow it to cool down for at least 15-20 minutes before resuming operation.

9. SPECIFICATIONS

Feature	Specification
Model Number	WCAP115D
Power Source	20V Battery Powered / 12V DC Car Power Adapter
Voltage	12 Volts (DC)
Battery Type	Lithium Ion (1 included)
Material	Acrylonitrile Butadiene Styrene
Item Weight	1.2 kg
Special Features	Automatic Shut-Off, Cordless, Quick Inflation, Digital Pressure Gauge, LED Light
Recommended Uses	Tire Inflation (Cars, Motorcycles, Bicycles), Sports Balls, Pool Toys

10. WARRANTY AND SUPPORT

WORKSITE products are manufactured to high-quality standards. For warranty information or technical support, please refer to the warranty card included with your purchase or contact WORKSITE customer service through the retailer where the product was purchased. Please have your model number (WCAP115D) and purchase date available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question