

WORKSITE WCAP115D

WORKSITE Cordless Tire Inflator Air Compressor

Model: WCAP115D | Brand: WORKSITE

1. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the WORKSITE Cordless Tire Inflator. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Always wear eye protection when operating the inflator.
- Do not leave the inflator unattended while in operation.
- Ensure the inflator is placed on a stable, flat surface during use.
- Keep children and bystanders away from the work area.
- Do not over-inflate tires. The automatic shut-off feature helps prevent this, but always monitor the pressure.
- Allow the inflator to cool down after extended use to prevent overheating.
- Store the inflator in a dry, secure place, out of reach of children.
- Use only the provided battery pack and chargers.

2. PRODUCT OVERVIEW

The WORKSITE Cordless Tire Inflator (Model: WCAP115D) is a versatile and portable air compressor designed for various inflation needs. It features a digital pressure gauge, automatic shut-off, and dual power supply options for convenience.

2.1 Components Included:

- Cordless Tire Inflator Unit
- 20V Battery Pack
- 12V Car Power Adapter
- Battery Charger (AC)

- 3 Nozzle Adapters
- User Manual (this document)
- Tool Bag

2.2 Key Features:

- **Dual Power Supply:** Operates with a 20V rechargeable battery or a 12V DC car power adapter, offering flexibility for on-the-go use.
- **Auto Shut-Off:** Automatically stops inflating once the preset air pressure is reached, preventing over-inflation.
- **Digital Pressure Gauge:** Provides real-time pressure readings and allows switching between Bar, kPa, and PSI units.
- **Fast Inflation:** Equipped with a metal cylinder and motor, capable of inflating a 195/60 R14 tire in approximately 3 minutes and a 215/60 R16 tire in about 5 minutes.
- **Multi-Purpose Use:** Includes 3 nozzle adapters for inflating tires on cars, bicycles, motorcycles, midsize sedans, SUVs, sport balls, and pool toys.
- **Built-in LED Light:** Provides illumination for use in low-light conditions or emergencies.
- **Portable & Compact Design:** Easy to carry and store in the included tool bag.



Figure 2.1: WORKSITE Cordless Tire Inflator with included battery, 12V adapter, charger, nozzles, and storage bag.



Figure 2.2: The compact and ergonomic design of the inflator, shown held in hand.

3. SETUP

1. **Charge the Battery:** Before first use, fully charge the 20V battery pack using the provided AC battery charger. Connect the charger to a standard wall outlet and then to the battery. The indicator light on the charger will show charging status.
2. **Attach Power Source:**
 - For cordless operation, slide the fully charged 20V battery pack onto the base of the inflator until it clicks into place.
 - For 12V DC operation, connect the 12V car power adapter to the inflator's power input port, then plug the adapter into your vehicle's 12V cigarette lighter socket.

DUAL-POWER SUPPLY



12V DC Inflation



Cordless Inflation



Figure 3.1: Dual power supply options: 12V DC car adapter and 20V battery pack.

3. **Connect Air Hose:** Securely screw the air hose connector onto the valve stem of the item you wish to inflate. Ensure a tight seal to prevent air leakage.

4. OPERATING INSTRUCTIONS

1. **Power On and Select Unit:** Press the "On/Unit" button to power on the digital display gauge. Press "On/Unit"

repeatedly to cycle through pressure measurement units (PSI, Bar, kPa) until your desired unit is displayed.

2. **Check Current Pressure:** Once connected, the digital display will show the current pressure of the item.
3. **Set Desired Pressure:** Use the "+" and "-" buttons to adjust the target pressure. The display will flash the set value.
4. **Start Inflation:** Press the trigger to begin inflation. The inflator will automatically stop when the set pressure is reached.
5. **Monitor Progress:** The digital display will show the real-time pressure as it inflates.
6. **Disconnect:** Once inflation is complete and the unit has stopped, disconnect the air hose from the valve stem.



Figure 4.1: Visual guide for operating the inflator, from connecting to setting pressure and starting inflation.

4.1 Using Nozzle Adapters:

The inflator comes with three different nozzle adapters for various items:

- **Needle Adapter:** For inflating sports balls (e.g., basketballs, soccer balls).
- **Tapered Adapter:** For inflating small inflatable toys or pool floats.
- **Presta Valve Adapter (if included):** For certain bicycle tires.

To use, simply screw the appropriate adapter onto the air hose connector before attaching it to the item's valve.

MULTIPLE PURPOSE



Figure 4.2: The inflator's versatility for different inflation needs.

5. MAINTENANCE

- **Cleaning:** Wipe the inflator clean with a damp cloth after each use. 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:**
 - Fully charge the battery before storing for long periods.
 - Recharge the battery every 3-6 months if not in regular use to maintain battery health.
 - Do not store the battery in a completely discharged state.
- **Hose Inspection:** Regularly inspect the air hose for any signs of wear, cracks, or damage. Replace if necessary.

PORTABLE & EASY STORAGE

Easy to Carry & Humanized Storage Design



Figure 5.1: The compact size of the inflator makes it easy to store in the included bag.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Inflator does not turn on.	Battery is not charged or not properly attached. / 12V adapter not connected or vehicle socket is faulty.	Ensure battery is fully charged and securely attached. / Check 12V connection and vehicle socket.
Inflator runs but no air comes out.	Air hose not properly connected to valve stem. / Nozzle adapter blocked.	Ensure air hose is tightly screwed onto the valve stem. / Check nozzle for obstructions.
Inflator does not reach desired pressure.	Air leak from connection. / Battery low.	Tighten air hose connection. / Recharge battery.
Inflator stops prematurely.	Automatic shut-off activated (desired pressure reached). / Overheating.	This is normal operation if target pressure is met. Allow unit to cool down if used for extended periods.

7. SPECIFICATIONS

Feature	Detail
Brand	WORKSITE
Model Name	WCAP115D
Voltage	12 Volts (DC) / 20 Volts (Battery)
Power Source	Battery Powered / 12V Car Power Adapter
Recommended Uses	Tire Inflation (Cars, Bicycles, Motorcycles, SUVs, Sport Balls, Pool Toys)
Noise Level	65 dB
Special Features	Portable, LED Light, Automatic Shut-Off
Included Components	Tire Inflator, 20V Battery, 12V Car Power Adapter, Battery Charger, 3 Nozzles, User Manual, Tool Bag
Item Weight	1.2 Kilograms (2.64 pounds)
Maximum Power	40 Watts
Color	1-orange
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	7"L x 3.3"W x 10.6"H
Air Flow Capacity	35 LPM
Country of Origin	China

8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact WORKSITE customer service directly. Refer to the product packaging or the official WORKSITE website for the most up-to-date contact details.
Keep your purchase receipt as proof of purchase for any warranty claims.

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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.

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