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## BLACK+DECKER ASI300-QS

# BLACK+DECKER ASI300-QS Corded Inflator-Compressor User Manual

Model: ASI300-QS

## INTRODUCTION

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The BLACK+DECKER ASI300-QS is a versatile corded inflator-compressor designed for various inflation tasks. It offers dual power options, allowing operation via a 12V cigarette lighter socket or a standard 220V domestic power outlet. Key features include a luminous digital pressure gauge for clear readings, an automatic shut-off function that activates once the desired pressure is reached, and an integrated compartment for convenient storage of cables and accessories.

This device is ideal for inflating tires (car, motorcycle, bicycle), sports equipment, and various inflatable leisure items. Its robust design ensures reliable performance for demanding inflation tasks.



**Figure 1:** The Black+Decker ASI300-QS inflator-compressor shown with its power cables and various inflation nozzles. This image provides an overview of the product and its included accessories.

## SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- **Electrical Safety:** Ensure the power source matches the voltage specified on the product. Do not expose the inflator to rain or wet conditions. Avoid using the inflator in damp or wet locations.
- **Personal Safety:** Always wear eye protection when operating the inflator. Do not direct the air nozzle at people or animals. Keep children and bystanders away while operating.
- **Product Use and Care:** Do not over-inflate items. Refer to the manufacturer's recommended pressure for the item being inflated. Allow the inflator to cool down after extended use to prevent overheating. Do not modify the product or use it for purposes other than those specified in this manual.
- **Storage:** Store the inflator in a dry, secure place out of reach of children.

## SETUP

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1. **Unpacking:** Carefully remove the inflator and all accessories from the packaging. Inspect for any damage.
2. **Power Connection:**
  - For 220V AC power: Connect the AC power cord to a standard wall outlet.
  - For 12V DC power: Connect the 12V DC power cord to your vehicle's cigarette lighter socket.



**Figure 2:** The rear view of the inflator, illustrating the integrated storage compartment for the power cables and accessories. Ensure cables are properly stored when not in use.

3. **Attaching Nozzles:** Select the appropriate nozzle for the item you wish to inflate. The unit comes with 1 needle and 2 additional nozzles. Securely attach the chosen nozzle to the air hose.

## OPERATING INSTRUCTIONS

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1. **Connect to Item:** Securely attach the nozzle to the valve of the item to be inflated.
2. **Set Desired Pressure:** Use the digital controls to set the desired pressure (PSI or Bar) on the luminous digital display. Refer to the item's manufacturer recommendations for correct pressure.
3. **Start Inflation:** Press the power button to begin inflation. The digital display will show the current pressure as it inflates.
4. **Automatic Shut-off:** The inflator will automatically stop once the preset pressure is reached. This prevents over-

inflation.

5. **Disconnect:** Once inflation is complete, disconnect the nozzle from the item's valve.



**Figure 3:** A user inflating a wheelbarrow tire, demonstrating the practical application of the inflator for various outdoor equipment.



**Figure 4:** This image shows the inflator being used to top up a motorcycle tire, highlighting its suitability for vehicle maintenance.



**Figure 5:** The inflator in use for a car tire, illustrating its capability for standard automotive applications.

## MAINTENANCE

- **Cleaning:** Disconnect the inflator from the power source before cleaning. Wipe the exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** After use, ensure the unit is cool. Neatly coil the power cords and store them along with the accessories in the integrated storage compartment. Store the inflator in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cords and air hose for any signs of damage or wear. Do not use the unit if any components are damaged.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; loose connection.	Ensure power cord is securely plugged into a live outlet (220V AC) or 12V DC socket. Check for blown fuses in vehicle's 12V socket.
Inflator runs but does not inflate.	Nozzle not properly attached; leak in hose/nozzle; item valve issue.	Ensure nozzle is securely attached to the item's valve. Check hose and nozzle for damage or leaks. Inspect the item's valve for proper function.

Problem	Possible Cause	Solution
Pressure reading is inaccurate.	Nozzle not fully sealed; sensor calibration.	Ensure a tight seal between the nozzle and the item's valve. If issues persist, contact customer support.
Unit overheats and shuts off.	Extended continuous use.	Allow the unit to cool down for at least 10-15 minutes before resuming operation. Avoid continuous use for prolonged periods.

## SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	ASI300-QS
Dimensions (L x W x H)	30.5 x 17.2 x 21 cm
Weight	998 grams (2.2 pounds)
Power Type	Corded Electric
Voltage	230 Volts (AC) or 12 Volts (DC)
Maximum Pressure	11 Bars (160 PSI)
Air Flow Capacity	11 liters per minute
Noise Level	70 dB
Hose Length	5 Meters
Measurement System	Digital Indicator
Included Components	Compressor, 160 PSI, 2 Nozzles, 1 Needle

## WARRANTY AND SUPPORT

For specific warranty information and terms, please refer to the documentation included with your product or contact BLACK+DECKER customer support directly. General return policies may vary by retailer.

For further assistance, product registration, or to find authorized service centers, please visit the official BLACK+DECKER website or contact their customer service department.

*Note: This manual provides general guidance. Always refer to the latest official documentation from the manufacturer for the most accurate and up-to-date information.*

