



THANK YOU FOR PURCHASING THE  
**MICHELIN LI-ION CORDLESS COMPACT DIGITAL  
 TYRE INFLATOR + JUMP STARTER + POWER BANK**

Michelin's new range of tyre inflators is built around a new generation of high efficiency motors, designed to deliver faster inflation with reduced power consumption. Paired with the advanced Quick Release Valve (QRV) this system allows for smoother connection and removal with minimal air loss-making tyre inflation quicker and more precise than ever before.

Please read the operating instructions carefully before using your inflator, improper use can cause damage to property and possibly harm the user. When using the inflator ensure the vehicle is parked in a safe location off the road, with the vehicle handbrake on and where your personal safety is not at risk.

**WARNING!**

- Never allow children to use this inflator
- Never overinflate
- Always use in a safe area away from traffic and other dangers
- This inflator can inflate vehicle tyres up to 3,5 bar (50 psi) (DO NOT inflate space saver tyres) and bicycle tyres up to 8,3 bar (120 psi). Higher pressures can be achieved in bicycle tyres due to their smaller air volumes compared to vehicle tyres.

**WARNING! COMPRESSED AIR CAN BE DANGEROUS**

- This inflator is not intended for use by persons with lack of experience and knowledge unless they have been given supervision or instruction concerning its use by a person responsible for their safety
- Never allow children to use this tyre inflator. Children should be supervised to ensure that they do not play with the inflator
- Never leave unattended when running
- Never overflate
- Always use in a safe area away from traffic and other dangers.
- Never run for more than 10 minutes. After each 10 minute run allow inflator to cool down for 15 minutes.**

**WARNING! ENSURE CORRECT TYRE PRESSURES**

- Correct tyre pressure is vital for road safety.
- Under or overinflated tyres can be dangerous.
- Always ensure that regular weekly checks are carried out to the vehicle manufacturer's recommended pressures including the spare, but excluding space saver tyres. Always check before a long journey or after loading or unloading the vehicle
- Always check pressures in an ambient temperature, never immediately after a long journey
- Tyre pressures should be checked when the tyres are "cold". Cold means that the tyres have not run for at least three hours or have been driven less than 1 mile at moderate speed

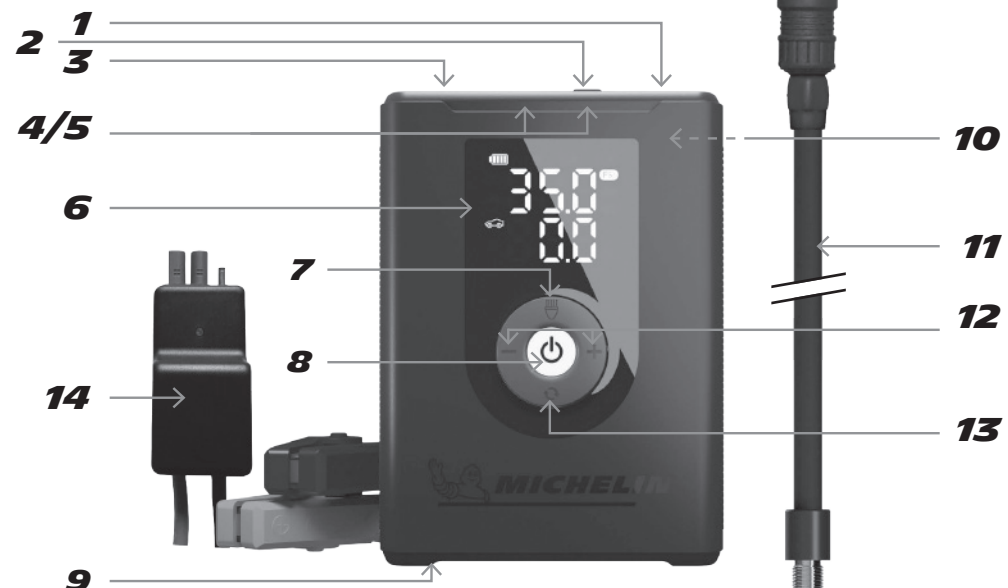
**CAUTION**

- Inspect the tyre inflator before each use
- To reduce the risk of electric shock, do not expose the inflator to water or other liquids. Do not place or store where it can get wet, fall or be knocked into water.
- Do not kink or block the air hose while the inflator is running
- Do not use the inflator if cracked, broken, melted, burnt, wet or any of the components are damaged
- Only use the adapters supplied with the inflator
- The inflator contains no user serviceable parts – DO NOT OPEN.

THIS PRODUCT CONFORMS TO THE CRITERIA SET OUT IN PROCEDURE 2 AS DEFINED IN ANNEX VI OF DIRECTIVE 2000/14/EC, ROHS DIRECTIVE 2011/65/EU AND EMC DIRECTIVE 2004/108/EC.

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**OPERATING FEATURES**

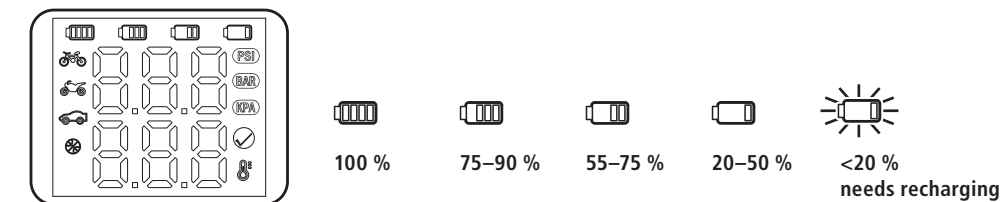


- Air Hose Outlet port
- Jumper cable port
- SMD LED light
- USB-A Power Bank Port
- USB-C Charging Port
- White LED dual display
- SMD LED light On/Off
- On/Off button
- Exhaust vent – **Do Not cover**
- Adapters (snap-in storage). Located on the rear of the inflator
- Detachable 60 high pressure air hose with quick release valve connector
- Pre-set buttons to preset pressure
- MODE selection button Pre-set psi/bar/kPa
- Smart Jump Box

**SPECIFICATIONS**

Max pressure:	9,9 bar (150 psi)
Pressure accuracy:	0,21~3,45 bar ±0,07 bar; 3,52~6,9 bar ±0,14 bar; 6,96~9,9 bar ±0,21 bar
Pressure format:	bar / psi / kPa
Battery Capacity:	10.000 mAh (2500 mAh * 3,7 V * 4 / 37 Wh)
Recharging Time:	Approx 3,5 hours
Charging Port:	Type C
Operating Temperature:	Charging 5 °C to 40 °C. Discharge: -10 °C to 45 °C
Storage Temperature:	10 °C to 45 °C
Hose length:	60 cm (approx.)
Running time:	10 mins
Dims:	12,0 x 5,8 x 16,5 cm
Weight:	1,0 kg

**POWER DISPLAY & CHARGING**



**CHARGING THE INFLATOR**

Charge to 100% before first use with the included charging cable with a suitable 5v Zamp charger (most mobile phone chargers are compatible). While charging the battery capacity icon flashes showing current capacity. When fully charged the 100% icon will remain lit for a period of time before going out. During inflation the capacity may drop quickly. This is because of battery voltage discharge during inflation. It may return to the pre-inflation level once inflation is complete but it does not affect inflation functionality. If not used for long periods it is recommended you charge every 3 months to maintain battery performance. Note: This inflator does have low voltage and over current protection DO NOT USE whilst charging.

**STORAGE**

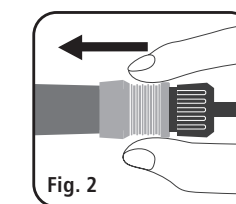
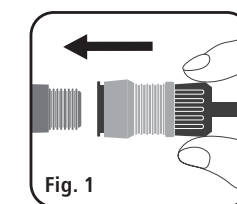
When not in use the inflator should be stored indoors in a cool dry place. DO NOT store outdoors or in the vehicle Battery expansion, leakage or fire may occur due to the very high temperatures reached inside vehicles.

**LI-ION BATTERIES**

To extend the life of your lithium-ion battery, avoid letting it fully discharge or stay at 100% for long periods. Recharge after each use when possible, and store the inflator in a cool, dry place – away from extreme heat, cold or moisture. For long-term storage, keep the battery around 50% charged and check it periodically to prevent deep discharge. Always use the charging cable supplied. Avoid crushing, puncturing or exposing the battery to impact. Never leave the device unattended while charging for long periods. If you notice any signs of damage, swelling or leakage, stop using the device immediately. DO NOT TOUCH any leaking material directly – dispose of the battery safely in accordance with local regulations.

**CONNECTING THE HIGH-PRESSURE HOSE**

**SCHRADER-VALVE**



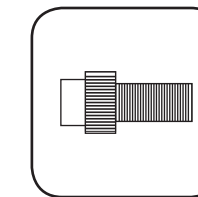
Inflation: the quick release valve can be directly connected to the Schrader Valve by holding the quick release connector at its base (fig 1) and pushing the connector firmly onto the valve. While still pushing forward slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig 2). A successful connection will result with no air escaping (hissing) from the valve. If a hiss occurs remove the connector by holding the grey collar and pulling it back and try again.

**ADAPTERS**

Included with your MICHELIN LI-ION Cordless Rapid Digital Tyre Inflator, on the inside of the storage compartment door (12) are various adapters to enable you to inflate other items

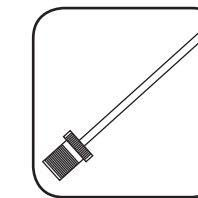
To avoid over inflation, always follow the manufacturer's instructions on the items to be inflated

**PRESTA VALVE ADAPTER**



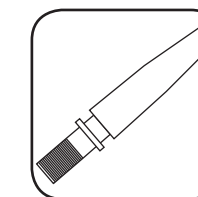
Inflation: Screw the Presta Valve adapter onto the cycle tyre valve stem, then holding the quick release connector at its base (fig 1) push the connector firmly onto the adapter. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig 2). A successful connection will result with no air escaping (hiss) from the adapter. If a hiss occurs remove the connector by holding the grey collar and pulling it back and try again.

**NEEDLE ADAPTER**



To inflate footballs and other balls use the needle adapter. To connect the needle adapter to the quick release valve connector push and hold the needle adapter into the hole of the connector with one hand while holding quick release connector at its base (fig 1) push the connector forward. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig 2). The needle valve is now locked into the connector. To remove the needle valve hold it with one hand and pull the grey collar back with the other hand.

**SMALL TOY INFLATOR ADAPTER**



Small inflatable toys use the small toy inflator adapter. To connect the adapter to the quick release valve connector push and hold the adapter into the hole of the connector with one hand while holding the quick release connector at its base (fig 1) push the connector forward. While still pushing forward, slide your thumb and forefinger down into the grey collar and continue pushing until the collar stops moving forward (fig 2). The adapter is now locked into the connector. To remove it hold it with one hand and pull the grey collar back with the other hand.

**ADVANCED INFLATION TECHNOLOGY**

This Michelin inflator is equipped with intelligent features designed to make tyre inflation quicker, easier and more accurate. From real-time pressure updates to automatic shut-off and precision monitoring each function is built to take the guesswork out of tyre care and give you complete confidence every time you inflate.

**REAL-TIME PRESSURE**

Displays live tyre pressure on the dual display throughout inflation, keeping you informed at every stage.

**PRESSURE PRE-SET**

Set your desired pressure before starting. The inflator will automatically stop when the targets reached.

**PRESSURE GUARD**

Monitors and maintains pressure during inflation, with accuracy to within 1 psi



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USER GUIDE

## TYRE INFLATION

- Screw the high-pressure air hose into the outlet port (1) on top of the inflator
- A long press on the On/off button (8) will turn the inflator on/off. Note: The inflator will turn off automatically after 2 minutes if not used.
- Connect the quick release valve connector onto the tyre valve. Note: Always turn the inflator on before connecting the high-pressure hose to the tyre. Check the tyre pressure shown on the display. If the display appears to read incorrectly then refer to the Trouble Shooting Guide. When connected correctly the display will show the current pressure in the tyre. If this is the pressure as stated in your vehicle's handbook, you can simply remove the quick release valve connector.

## USING THE PRE-SET MODES FOR INFLATING TYRES PRESSURE MODE SELECTION

### PRESSURE MODE SELECTION

First select the pressure format by pressing and releasing the Mode Selection Button (13) on the control pad for 2 seconds to switch between psi/bar/kPa. Wait until the selected format stops flashing before proceeding. Then press release and repeat, the Mode Selection Button to scroll through the following 5 inflation modes.



**Free mode:**  
Pre-set pressure can be adjusted freely. Adjustable range: 0,2–9,9 bar (3–150 psi) or equivalent in other formats. Note: When turned on the inflator will always default to Free mode in whatever pressure format was last selected and will retain the previous pre-set pressure



**Bicycle mode:**  
Default pressure is 3,1 bar (45 psi) or equivalent in other formats. Adjustable range: 0,2–8,3 bar (3–120 psi)



**Motorcycle mode:**  
Default pressure is 2,3 bar (34 psi) or equivalent in other formats. Adjustable range: 1,8–3,0 bar (26–44 psi)



**Car mode:**  
Default pressure is 2,2 bar (32 psi) or equivalent in other formats. Adjustable range: 1,8–3,5 bar (26–51 psi). Check your tyre pressures. Remember to adjust the pre-set if front and rear tyre pressures differ.



**Ball mode:**  
Default pressure is 0,5 bar (8 psi) or equivalent in other formats. Adjustable range: 0,4–1,1 bar (4–16 psi)

## PRE-SET PRESSURE FINE TUNING

After selecting the inflation mode press or bumons to adjust the pre-set pressure value of (required). Wait until the new value stops flashing The new value is now set. Use a long press of or to quickly adjust the pressure value. The inflator will stop automatically when the selected pre-set pressure is reached. A tick also appears on the display to confirm the pre-set pressure is reached. You can override inflation at anytime by pressing the On/Off button during inflation..

## WARNING!

The air pressure of balloons, toy balls, swimming rings and other inflatables are lower than the pressure range of this inflator, it cannot automatically stop with the pre-set activated, user attention is advised.

## AFTER INFLATION

Once you've finished inflating your tyres, remove the air hose and store it back in the box with the Inflator CAUTION: The high-pressure air hose can get hot during inflation, take care when removing from the inflator.

### LIGHTING



This Michelin inflator features a bright, energy-efficient SMD LED for improved visibility during night time or low-light use. The light can only be turned on when the inflation Press the light icon button (7) once on the control pad to turn the light on, press again and the light will flash the SOS signal, press again to turn it off. The lightsOS signal will need to be turned off manually, it does not turn off when the inflator shuts down.

### TEMPERATURE WARNING



the inflator becomes too hot or too cold during use or charging a red thermometer icon on the display will flash every second. Follow the below guidance:

### Overheating during use

If the device overheats while operating the red thermometer icon will flash once per second. No other functions will work during this time. You can manually turn off the inflator by holding the ON/OFF button if not turned off, it will shut down automatically after 3 minutes. Allow the inflator to cool to room temperature before using again.

### Cold Start after storage

If the inflator has been stored for a long time in a cold environment, the red thermometer icon may appear when it's switched on. Let the unit warm up to a suitable temperature before using.

### Overheating during charging

If the battery gets too hot while charging the red thermometer icon will flash. Remove the charging cable immediately and let the battery cool down. The red icon will disappear once the cable unplugged. If you do not unplug it, the icon will continue flashing until the battery cools and charging resumes automatically.

### Charging below safe temperature

If the battery is too cold to charge, the red thermometer icon will flash. Remove the charging cable and allow the device to warm up. The icon will disappear once the cable is unplugged. If not unplugged, the icon will keep flashing until the battery reaches a safe temperature and charging resumes automatically.

## POWER BANK

This inflator features a built in high-output power bank with a USB-A port (4) delivering up to 12 W/5 V 2.4 A for fast charging of smartphones, tablets, and small electronic devices. Designed for convenience on the go, it provides reliable backup power whether you're commuting, travelling or in an emergency Simply connect your device via a suitable USB cable and give a long press on the power button to turn the inflator no to begin charging – no need for a separate power source..

## JUMP STARTER

This inflator features a built-in Jump Starter. It is advisable to check the vehicle owner's manual before using this feature. To use the Jump Starter, the inflator's internal battery must be at 75% charge three bars on the battery icon) or higher, as shown on the display. CAUTION: When using the Jump Starter function, please remove any metal jewellery such as rings or necklaces before use.

Turn off the vehicle ignition and all external electrical devices such as lights, radios, etc. Locate the position of the 12V DC battery in the engine bay. Before connecting, ensure the positive (+) and negative (-) battery terminals are clean, dry, and free from corrosion, if they appear dirty or corroded, clean them with a terminal brush or seek professional assistance. Poor contact may prevent the unit from working correctly or cause sparking.

Plug the Smart jump Box (14) into the jumper cable port (2) on the top of the inflator. When the light on the front of the Smart jump Box turns blue, you can then connect the two clamps to the 12V vehicle battery: red clamp to the terminal and the black clamp to the terminal the light on the Smart jump Box now turns green, you can proceed to attempt to start the vehicle. Only attempt a start for 3 seconds, then allow 30 seconds before attempting to start again.

If after 3 failed attempts the vehicle will not start, you may need to seek professional help by means of a recovery service. Once the vehicle has started, promptly remove the clamps from the 12V vehicle battery. You can now unplug the Smart jump Box from the inflator.

If you see a red light on the Smart Jump Box and a buzzer sounds, check the connection. It's possible the positive and negative clamps are reversed. You need to remove the clamps and check the + and – connection, then try again. If the clamps are connected correctly and you get a red light and the buzzer sounds, the inflator's internal battery voltage is too low to start the vehicle it will need to be charged first.

This Jump Starter feature is not designed to replace the vehicle's 12V battery or to be used to charge the vehicle battery. Only use the Smart jump Box supplied with the inflator. Do not use the Smart Jump Box, clamps or cables if damaged or if wires are visible.

## CONVERSION TABLE

psi	bar	bar
10	0,7	69
20	1,4	138
30	2,1	207
40	2,8	276
50	3,5	345
60	4,1	414
70	4,8	483
80	5,5	552
90	6,2	621
100	6,9	689
110	7,6	759
120	8,3	828
130	9,0	897
140	9,4	940
150	9,9	990

## TROUBLE SHOOTING:

Screen does not illuminate Inflator does not start	<ul style="list-style-type: none"> <li>Check the battery is charged</li> <li>Check whether the current tyre pressure is higher than the pre-set value</li> <li>if the problem persists please contact the Michelin helpline</li> </ul>
Battery icon does not display when charging	<ul style="list-style-type: none"> <li>Make sure you are using the supplied charging cable and a suitable 5 V 2 amp charger.</li> </ul>
Inflator fails to stop at pre-set	<ul style="list-style-type: none"> <li>Check you are following the setting instructions correctly</li> <li>Check that you have set the correct pre-set pressure</li> </ul>
Slow inflation speed	<ul style="list-style-type: none"> <li>Check the battery is charged</li> <li>Check that the thumb lock or adapters are fitted correctly</li> <li>Is the air hose leaking?</li> <li>Is the tyre or other inflated item leaking?</li> </ul>
Inflator is running but tyre/ inflated item is not inflating	<ul style="list-style-type: none"> <li>Check that the thumb lock or adapters are fitted correctly</li> <li>Is the air hose leaking?</li> <li>Is the tyre or other inflated item leaking?</li> </ul>
Screen displays OL	<ul style="list-style-type: none"> <li>OL indicates the air pump is overloaded. Reduce the tyre pressure and restart the inflator.</li> </ul>
Screen does not display pressure when tyre/inflated item is connectet	<ul style="list-style-type: none"> <li>Ensure that the thumb lock is correctly fitted to tyre valve</li> <li>The air pressure of balloons, toy balls, swimming rings and other inflatables are lower than the pressure range of this inflator</li> </ul>
Abnormal pressure reading when the inflator is turned on without anything connected	<ul style="list-style-type: none"> <li>Press and hold the + and – buttons simultaneously for 3 seconds to reset the current pressure value to zero.</li> </ul>
For all other issues please call the Michelin helpline: <b>Helix Automotive Service-Hotline +49 (0) 7131 27588-44</b>	

Please retain these instructions for future reference.

## EN: USER GUIDE – FR: MODE D'EMPLOI – IT: MANUALE D'USO – ES: MANUAL DE USUARIO – TR: KULLANIM KILAVUZU



### MICHELIN LI-ION BATTERY COMPRESSOR WITH JUMP STARTER & POWER BANK

<https://www.helix-automotive.com/qr/61013/userguide/en/>



### MICHELIN COMPRESSEUR À BATTERIE LI-ION AVEC DÉMARREUR ET BATTERIE EXTERNE

<https://www.helix-automotive.com/qr/61013/userguide/fr/>



### MICHELIN COMPRESSORE A BATTERIA AGLI IONI DI LITIO CON JUMP STARTER E POWERBANK

<https://www.helix-automotive.com/qr/61013/userguide/it/>



### MICHELIN COMPRESOR CON BATERÍA DE IONEN LITIO CON ARRANCADOR Y BATERÍA EXTERNA

<https://www.helix-automotive.com/qr/61013/userguide/es/>



### MICHELIN LI-ION AKÜLÜ KOMPRESÖR JUMP STARTER VE POWERBANK İLE BİRLİKTE

<https://www.helix-automotive.com/qr/61013/userguide/tr/>

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find a better way forward.  
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