VELKYNE

USER MANUAL

MINI ELECTRIC PUMP 150 PSI, LCD DISPLAY

Mini compressor with auto-stop for bikes and motorbikes: LCD display, target adjustable from 3 to 150 PSI in PSI or bar, memory function, LED light, USB-C charging.

REF. PUMP200G150PSI · 150 PSI · BIKE AND MOTORBIKE MODES · 203 G · 600 MAH



Selected with expertise. Tested in the field. Made for cyclists.

01 · BEFORE YOU START

WHAT'S IN THE BOX & FIRST STEPS

ITEM	QTY	PURPOSE
Mini compressor	1	Pump, LCD display, battery, LED
Flexible air hose	1	Between the pump and the valve
Air nozzle	1	Schrader head (wide valves)
Presta adapter	1	Narrow valves on road bikes
Ball needle	1	Football, basketball, volleyball
Spare seal	1	Replaces a worn nozzle seal
USB-C cable	1	Charges from any USB charger
User manual	1	Manufacturer's control details

What this pump does

It inflates up to the **pressure you have set**, between 3 and 150 PSI, then stops on its own. The LCD display shows the pressure in real time, in PSI or bar. A bike mode and a motorbike mode, plus a **memory function** that keeps the last target, make it the one tool in the garage for the bike and the motorbike. Its built-in LED lights the valve at night.

Specifications

Pressure	**3 to 150 PSI adjustable**	Units	**PSI / bar**
Battery	**600 mAh, USB-C**	Modes	**Bike, motorbike, memory**
Dimensions	**8.9 × 5.5 × 3.5 cm**	Weight	**203 g**
Valves	**Presta (adapter), Schrader**	Light	**Built-in LED**



The 203 g pump with its flexible hose, ball needle and Presta adapter.

SAFETY

- The pump body, hose and nozzle **get hot** while inflating: hold the pump by its shell, unscrew the nozzle by its collar and let it cool between two tyres inflated from flat.
- Never exceed the maximum pressure moulded on the tyre sidewall, even though the pump can go higher.
- Lithium battery: charge from a standard USB charger, never in a car in the sun or near a heat source. Do not open or pierce it.
- Do not immerse the pump and do not cover its vents while it is running.
- Keep the needle and small adapters out of children's reach.

BEFORE THE FIRST RIDE

Charge the pump fully and try it at home on each of your vehicles: you will know which head to fit, which mode to pick and which target to set before you need it at the roadside.

02 · GETTING STARTED

CONTROLS, DISPLAY, ADAPTERS

The controls

Power	Switches the pump and display on, starts and interrupts inflation.
+ and –	Raise or lower the target pressure, from 3 to 150 PSI.
Mode / light	Switches between bike and motorbike modes and controls the LED light.
Memory	The pump keeps the last target set: for the same tyres, just start it.
LCD display	Real-time pressure, unit (PSI or bar), active mode and battery level.

Switching units

PSI to bar is switched with a button; the press sequence is given in the manufacturer's manual supplied in the box. If anything does not match your unit, write to us via velkyne.com/contact.

CHECK THE UNIT BEFORE YOU START

1 bar = 14.5 PSI. A target of 6 set in PSI instead of bar leaves the tyre almost flat; always read the unit shown next to the figure and compare it with the sidewall marking.



Schrader valve: the hose and its nozzle screw straight on. Presta valve: the brass adapter screws onto the valve, then the hose onto it.

Fit the right head

1. **Identify the valve.** Presta: narrow valve with a small nut to unscrew at the tip (road, gravel, most MTBs). Schrader: wide valve, as on a car (entry-level MTBs, city and hybrid bikes, motorbikes).
2. **Screw the flexible hose** onto the pump outlet, by hand, without forcing: the seal does the sealing, not the torque.
3. **Schrader: the nozzle goes straight onto the valve.** Presta: first screw the adapter onto the opened valve, then the nozzle onto the adapter. Ball: screw on the needle, moisten it and push it in straight.

03 · PROCEDURE

INFLATING A TYRE

1. **Open the valve.** Presta: remove the cap, unscrew the small nut all the way and press it for a second, a puff of air confirms the valve is free. Schrader: just remove the cap.
2. **Screw the head onto the valve,** straight in line, until it stops leaking. On a Presta valve do not bend the stem: it is fragile.
3. **Switch on, pick the mode** (bike or motorbike) and set the target with + and −, from the tyre sidewall or the table opposite. Check the unit. For the same tyres as last time, the memory has kept the target.
4. **Start inflating.** The pump runs, the display tracks the pressure and everything stops on its own at the target. Hold the pump by its shell, resting or in hand, without pulling on the hose. At night, switch on the LED to see the valve.
5. **Unscrew the head straight away,** by its collar: it is hot. A short hiss on removal is normal. Tighten the Presta nut, put the cap back.
6. **Check by hand** and, if in doubt, screw the head back on: the display shows the actual tyre pressure. Adjust in small steps.

Pressure guide

USE	PSI	BAR
Road, 25 to 28 mm	75 to 95	5.2 to 6.5
City, hybrid, 35 to 47 mm	50 to 70	3.4 to 4.8
Gravel, 38 to 45 mm	35 to 55	2.4 to 3.8
MTB, 2.2 to 2.4 in	22 to 32	1.5 to 2.2
Football	9 to 15	0.6 to 1.1

General guide values. The range moulded on the tyre sidewall prevails; rider weight, actual width and tubeless set-ups shift it. For a motorbike, follow the manufacturer's pressures. 1 bar = 14.5 PSI.

TUBELESS TYRES

Put the valve at the top of the wheel so sealant does not flow back into the head. This pump adjusts the pressure of a tubeless tyre already fitted; to seat a new tyre on its rim you need the flow of a compressor or a charger pump.

BIG INFLATIONS

From flat, count on about two 700 × 25 road tyres on one charge (manufacturer's figure). Let the pump cool between two tyres inflated to high pressure and charge before leaving rather than after it fails.

04 · LONG TERM

BATTERY, CARE, TROUBLESHOOTING

Battery

- Charge over USB-C from a standard USB charger until the display shows a full battery.
- Charge before a ride rather than after it fails: the display shows the battery level.
- If the pump sits unused for months, top it up every two or three months and store it away from frost and heat.

Care

- Wipe the pump and heads after use; a damp cloth is enough, never a solvent.
- Rinse a head that has taken tubeless sealant with water, then dry it.
- A worn or split nozzle seal is replaced with the spare seal supplied.
- Store it dry, with its cable and heads.

If something goes wrong

SYMPTOM	LIKELY CAUSE, FIX
The pump does not switch on	Flat battery: charge it
Display stays at zero on an inflated tyre	Head not tight or Presta valve closed: open the nut, re-tighten
Air leaking at the head	Head crooked or seal damaged: screw back straight or change the seal
Stops before the target	Hot pump or low battery: let it cool, recharge, start again
Tyre goes down afterwards	Presta nut or cap not closed; otherwise a punctured tube or tyre

On video

Independent tutorials on inflating and pressure, scan to watch.

How to inflate a bike tire with a Presta or Schrader valve
The Mark List · English

How to pump a Presta valve
Cycle Maintenance Academy · English

Need help?

velkyne.com/contact
Our team answers your questions about modes, heads and the battery.

Set it, start it, let it work.
The right pressure is not the highest one: it is the sidewall range, adjusted to your weight and the terrain. The pump takes care of the rest.