SPORTENZIA

USER MANUAL

ELECTRIC PUMP 120 PSI

Pocket-size compressor with a display: set the target pressure, the pump inflates and stops on its own. Presta and Schrader valves, balls with the needle. Contents, controls, inflating, charging and troubleshooting.

REF. BFPUMP108 · PRESTA AND SCHRADER VALVES · 120 PSI, USB-C, ABOUT 108 G



01 · GETTING STARTED

CONTENTS, USE, SAFETY

In the box

ITEM	USE
Pump	Compressor with display and three buttons, built-in battery
Presta adapter	Slim valves; rubber cap, non-slip and heat-shielding
Schrader adapter	Car-type valves
Flexible air hose	Extension between pump and adapter
Ball needle	Sports balls
USB-C cable	Charging the pump
Lanyard	Wrist strap
Carry bag	Storage for the pump and accessories
Maker's manual	Technical details

What the pump does

You set a target pressure, the pump inflates and stops by itself when it gets there, to within ±1 PSI. The display shows the actual pressure, the target pressure and the battery level at the same time. Maximum pressure: **120 PSI**. A built-in LED lights up the valve for inflating in the dark.

Compatibility

Presta (French) and **Schrader** (car-type) valves: road, gravel and mountain bikes, plus balls with the needle. Resin or TPU valves: always use the extension hose, never the adapter fitted directly to the pump.

Where to keep it

In its carry bag, with its adapters, in a jersey pocket or a saddle bag. While inflating, slip the lanyard over your wrist: the pump will not fall if it slips from your hand.



The pump fits in your hand; next to it, its accessories.

SAFETY

- Never exceed the maximum pressure printed on the tyre sidewall or the rim limit: the pump goes up to 120 PSI.
- The head and adapter get hot during a long inflation: hold the pump by its body and let it cool before taking it off.
- Lithium battery: do not charge near a heat source, do not open the casing, do not leave the pump in the sun inside a car.
- Keep the needle and adapters out of reach of young children. Never point the air outlet at the face.

BEFORE YOUR FIRST RIDE

- Charge the pump fully.
- Try it at home on your bike: you will know which adapter to fit and how to screw it on.

02 · CONTROLS

DISPLAY, BUTTONS, CHARGING

The controls

Power button, long press	Switches the pump on or off.
Power button, short press	Starts or stops inflating.
▲ button	Raises the target pressure.
▼ button	Lowers the target pressure.
▲ button, double press	Switches the LED light on or off.

Reading the display

The display shows two pressures and the battery level. While you set it, the **target pressure** changes under your buttons. While inflating, the **actual pressure**, measured in the tyre, rises to the target, then the pump stops.

The unit shown is PSI. For a reading in bar, see the maker's manual.

Inflating in the dark

With the pump on, double press ▲ to switch on the LED, then point it at the valve while connecting. Another double press on ▲ switches it off.

Charging

1. **Plug in the USB-C cable** to the pump, then to a USB charger, a computer or a power bank.
2. **Let it charge** about 40 to 50 minutes for a full charge, somewhere dry at room temperature.
3. **Check the level** on the display before every ride.
4. **Unplug** once charging is complete and keep the cable in the bag.



The display and, below it, the ▲, ▼ and power buttons.

Specifications

Dimensions	**71 × 45 × 32 mm**	Weight	**About 108 g**
Material	**ABS**	Max. pressure	**120 PSI**
Accuracy	**±1 PSI**	Battery	**Li-ion 500 mAh**
Charging	**USB-C, 40 to 50 min**	Auto stop	**At the set pressure**
Light	**Built-in LED**	Valves	**Presta, Schrader**

GOOD HABITS

- Set the target before connecting the valve: then one press is all it takes to start.
- Low battery on the display: recharge before setting off, you will inflate fewer tyres.
- Recharge after every use, and before storing the pump for several weeks.

03 · INFLATING

INFLATING A TYRE OR A BALL

Inflating a tyre

1. **Choose the pressure** within the range printed on the tyre sidewall: lower for grip and comfort, higher for efficiency on the road.
2. **Prepare the valve** according to its type. Presta: remove the cap, unscrew the knurled nut at the tip, press it briefly to free it. Schrader: remove the cap.
3. **Fit the adapter** that matches the valve, on the pump's air outlet or on the end of the flexible hose connected to the pump. Hose advised above 100 PSI, essential for resin or TPU valves.
4. **Switch the pump on** with a long press on the power button.
5. **Set the target** with the ▲ and ▼ buttons.
6. **Connect the valve** by screwing the adapter on straight, without forcing. Hold a Presta valve so it does not bend.
7. **Start inflating** with a short press on the power button. The pump stops by itself at the target; a short press stops it at any time.
8. **Disconnect** in one firm movement. Presta: tighten the nut again. Refit the cap, then switch the pump off with a long press.

Inflating a ball

Fit the needle (see the maker's manual), moisten it and push it straight into the ball valve. Set the target to the pressure marked on the ball, then start inflating.

PRESTA VALVE

- Hold the valve while screwing on and disconnecting: its slim stem bends easily.
- Pull off in line with the valve, never sideways.
- Tighten the knurled nut before refitting the cap.

Typical performance

TYRE	INFLATION	TIME	TYRES PER CHARGE
700×25C	0 → 80 PSI	About 80 s	3 to 4
700×25C	0 → 120 PSI	About 120 s	2 to 3
700×28C	0 → 80 PSI	About 75 s	About 3
700×32C	0 → 80 PSI	About 90 s	About 2
29 × 2.2	30 → 50 PSI	About 50 s	About 6
29 × 2.2	0 → 30 PSI	About 50 s	About 6
700×45C	30 → 50 PSI	About 25 s	About 10
700×45C	0 → 50 PSI	About 70 s	About 5

Fully charged battery. Times and quantities vary with temperature, battery condition, tyres and valves.

ABOVE 100 PSI

- Use the hose: it limits leaks at the valve and keeps the head cooler.
- If the adapter gets hot, stop inflating and let it cool for a moment before carrying on.
- Be patient: a 700×25C takes about 120 seconds to go from 0 to 120 PSI.
- Set the target to the exact value you want: the pump stops within ±1 PSI of it.

04 · CARE

CARE, MISTAKES, TROUBLESHOOTING

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Pump does not switch on	Battery empty, press too short	Charge over USB-C; hold the power button down
Air leaks at the valve	Adapter crooked, loose or wrong type	Screw it on straight, check Presta or Schrader, use the hose
Pressure does not rise	Presta nut closed, valve stuck	Unscrew the nut, free the valve with a press
Inflating does not start	Target equal to or below tyre pressure	Raise the target with ▲
Head gets very hot	Long inflation, high pressure	Stop, let it cool, use the hose
Fewer tyres per charge than expected	Cold, partial charge, large volumes	Charge fully, keep the pump warm in winter

Common mistakes

- Forgetting to unscrew the nut on a Presta valve: no air gets through.
- Fitting the adapter directly on a resin or TPU valve instead of using the hose.
- Inflating above 100 PSI without the hose: leaks and a hot head.
- Setting a target above the maximum printed on the tyre.
- Setting off with a flat pump battery.

Set the target, start, the pump stops on its own: all that is left is to close the valve and ride on.



Air outlet on the side; keep the vents clear.

Care and storage

- Keep the pump and its accessories in the bag: adapters and needle are easily lost.
- Keep it dry; wipe it with a dry cloth, no solvents.
- Do not cover the vents on the casing while inflating.
- Recharge it before long storage: a lithium battery left empty deteriorates.
- Check the hose and adapters from time to time.

GOOD TO KNOW

- The stated performance applies to a full battery: in the cold or with a worn battery, expect fewer tyres per charge.
- Do not leave the pump plugged into the charger for days once charging is complete.

Need help?

sportenzia.com/pages/contact

Our team answers your questions about using and charging the pump.