



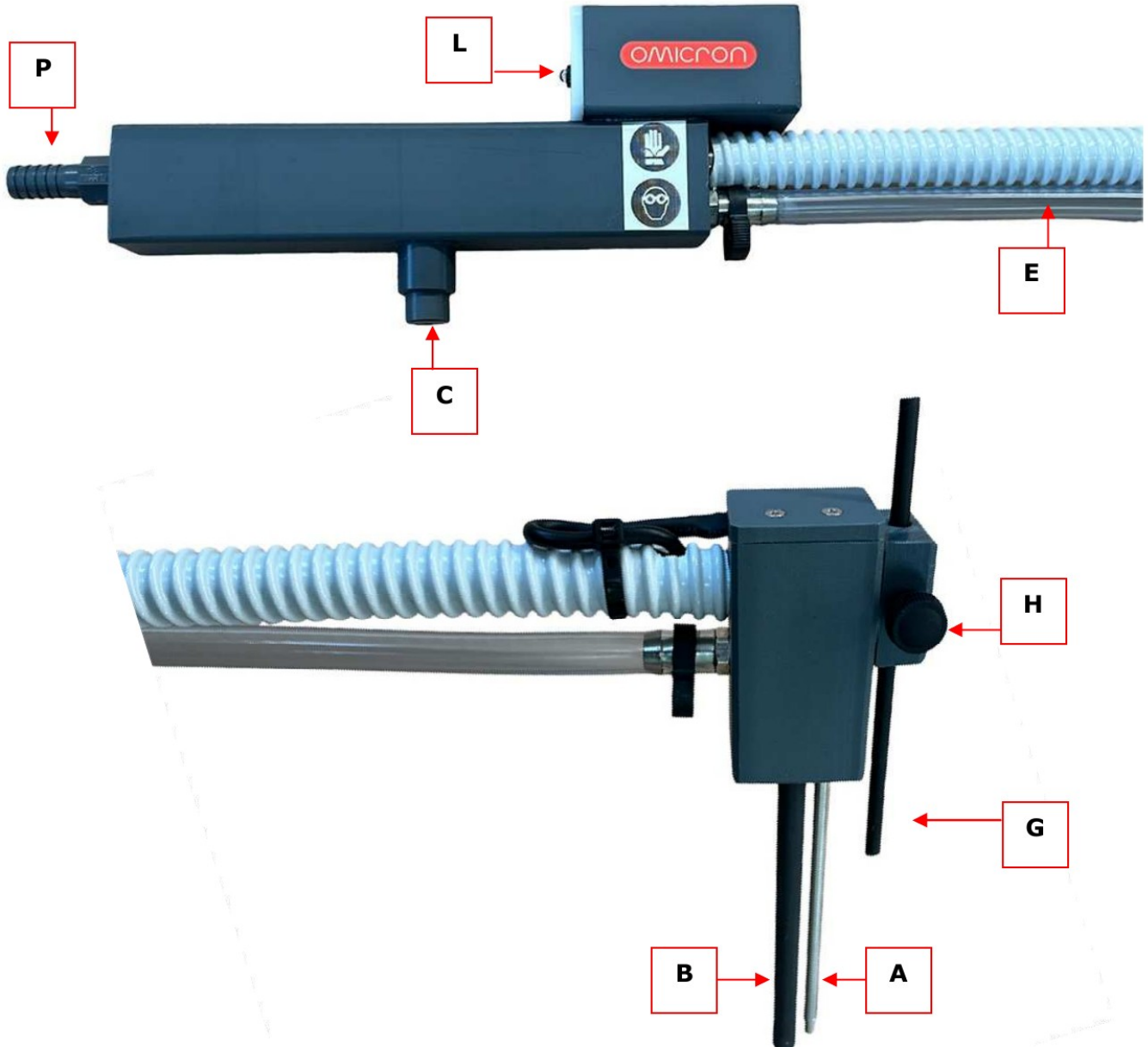
Product Data Sheet
REFILLING GUN P/90-520

Technical Office



This device allows batteries to be topped up quickly and accurately, preventing water spills. Its elongated shape is ideal for reaching and filling batteries placed on shelves or positioned in spaces that are difficult to access with a standard refilling gun. The LED lights up when the water has reached the correct level.

Assembly drawing of P/90-520 refilling gun



Ref	Description
A	Probe
B	Water dispensing tube
C	Dispenser button
E	Refilling gun stem
G	Adjustable spacer bar
H	Spacer bar locking handwheel
L	LED indicating cell filling completed
P	Hose connector for water tube insertion

Mechanical characteristic	Specification
Height D	185 mm
Width	37 mm
Total length T	660 mm
Weight	0.8 kg
Length A	110 mm
Diameter A	2 mm
Length B	100 mm
Diameter B	6 mm
Length G	140 mm
Diameter G	5 mm
Length E	400 mm

Technical specifications

Component	Material
P/90-520 refilling gun Dispensing gun	Body: PVC Probe: AISI 316 stainless steel with acid-resistant PVC coating Water dispensing tube: AISI 316 stainless steel with acid-resistant PVC coating Spacer bar: rigid PVC Battery compartment cover: PLEXIGLAS

Electrical characteristics

Power supply battery characteristics	9 VOLT 6F22 battery already fitted
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Operation of the refilling gun

 Warning!	<p>Appropriate personal protective equipment must be used Before each use of the refilling gun, wear the following PPE:</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>During use of the refilling gun, observe the following precautions:</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: right;">Do not smoke or use open flames.</p> <p>Do not eat food.</p>
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Fill a clean plastic or glass tank with demineralized water. The water collection tank must be fitted with a tap at the bottom for water outlet and with a tube for direct connection to the refilling gun hose connector P. The tank must be positioned at the height recommended by the battery manufacturer: generally 1.70 m.

Hold the dispensing gun. Be careful not to press the water dispensing button. Loosen the locking handwheel (H) and adjust the spacer bar to allow correct filling of the battery cells. After adjusting the spacer bar and removing the plug from the battery cell to be topped up, insert A and B into the battery opening and press the button (C). This will dispense distilled water and progressively fill the battery cell.

When the water inside the cell reaches the optimum filling level, the red LED on the rear of the gun lights up: release the dispensing lever and move on to filling the adjacent cell.

Releasing the dispensing lever stops water dispensing. After completing the topping-up operation, close the water tank tap.