



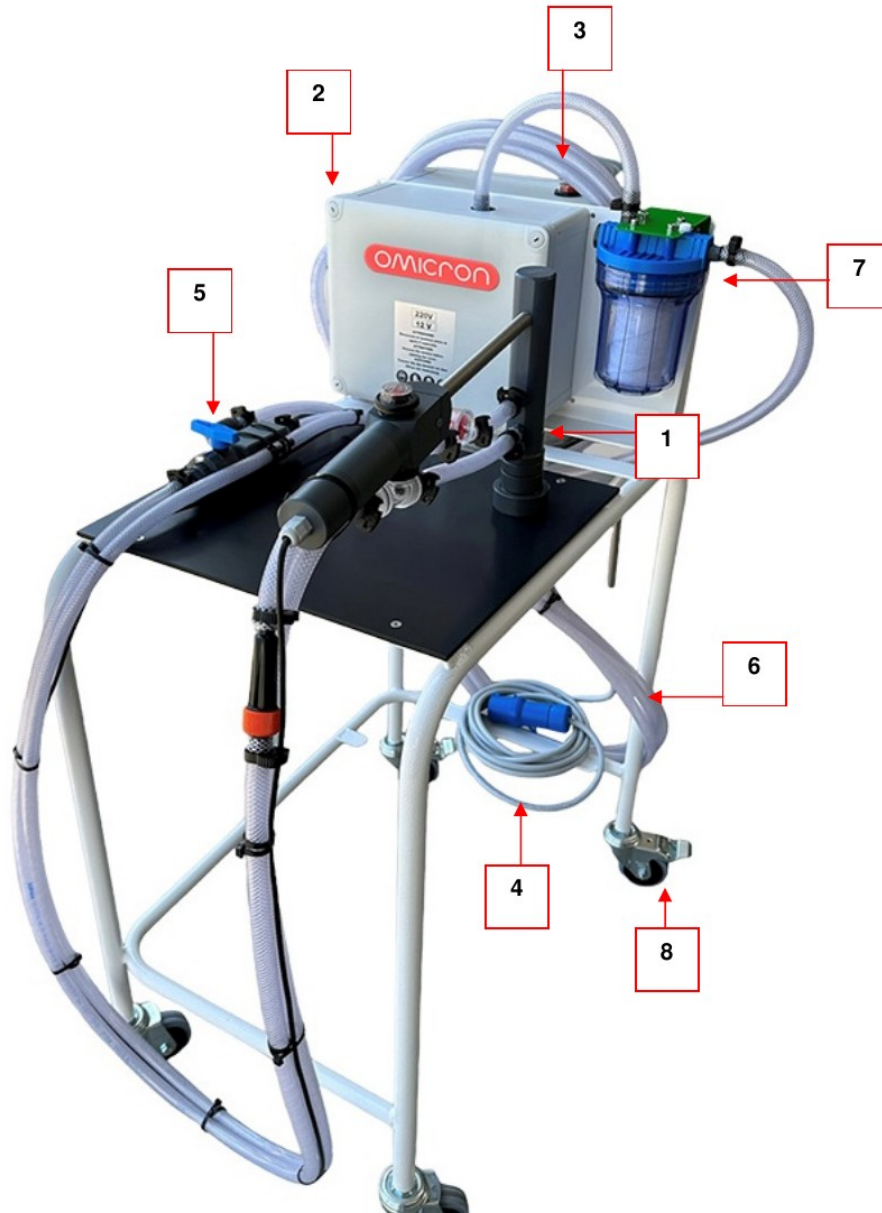
To perform filling operations for batteries or battery cells easily and safely, Omicron has designed and manufactures the FG series activators: all models fill and level the electrolyte, bringing it to the correct level. Different models are available according to the workload.

The activators are built in: Plexiglas - AISI 316 stainless steel - PVC - MATERIALS RESISTANT TO SULFURIC ACID CORROSION.

FG/05 220V ACTIVATOR

Model suitable for medium-high workloads
 1 INJECTOR WITH DOUBLE SAFETY BUTTON
 OPERATION WITH TWO PUMPS
 No. 1 Eko 12V electric pump FOR ELECTROLYTE FILLING
 No. 1 Eko 12V electric pump FOR OVERFLOW SUCTION

MACHINE COMPONENTS



Ref.	Description	Code
1	Injector	FG/05 - 1
2	Box containing motors and transformer	FG/05 - 2
3	Machine start switch	FG/05 - 3
4	Connection cable with CEI 23-12 plug	FG/05 - 4
5	Flow regulator	FG/05 - 5
6	Electrolyte pickup tube	FG/05 - 6
7	Filter	FG/05 - 7
8	Wheels	FG/05 - 8

■ INJECTOR



The injector is designed to allow accurate filling of batteries, in order to avoid spills and, above all, to introduce the exact amount of electrolyte into the battery cells so that the correct filling level is reached.

The injector body, the main element on which all components are mounted, is made of PVC. It has two cavities in which the electrolyte delivery tube and the overflow suction tube, made of AISI 316 stainless steel, are fitted.

The upper part of the body is equipped with two delivery buttons which, for safety reasons, enable operation only if both are pressed simultaneously. They are used to dispense the liquid into the cell.

■ SPACERS FOR ADJUSTING THE FILLING LEVEL

The machine is supplied with a set of spacers to be inserted in the injector in order to adjust the electrolyte level in the cell.

■ FILTERS



The machine has two mechanical metal-mesh filters:

- Near the control box, on the overflow suction tube, to retain any solid particles from the battery and prevent them from damaging or obstructing the pump body.
- At the end of the pickup tube.

■ FLOW REGULATOR

On the activator platform there is a valve used to adjust the delivery flow rate according to the batteries to be filled.

CHARACTERISTICS

Component	Materials
Frame	Coated steel tubes Gray PVC plate Two swivel wheels / two swivel wheels with brake
Pickup tubing	PVC
Injector	Transparent Plexiglas
Connection tubing	PVC
Injector	Transparent Plexiglas
Eko 12V delivery pump	Flow rate: 7 L/min Voltage: 12V Current: 1.6 A
Eko 12V suction pump	Flow rate: 7 L/min Voltage: 12V Current: 1.6 A

MECHANICAL CHARACTERISTICS

Mechanical characteristics	FG/05
Height	1100 mm
Width	430 mm
Length	700 mm
Weight	10 kg
Swivel wheels	80 mm
Swivel wheels with brake	80 mm