

ACID FILLER SF2 WITH CONVEYOR

SF2 is an acid filler intended for filling all types of SLI-batteries to a preset level and it fills according to the vacuum principle.

The machine consists of a stand in acid-proof stainless steel, a conveyor with idler rollers, a tank with inlet valve and level control, an air ejector or a vacuum pump, expansion vessels and up to three (3) filling nozzles/handles. There are different filling handles to choose from with 1, 2, 3 or 6 nozzles both for automotive and motorcycle batteries.



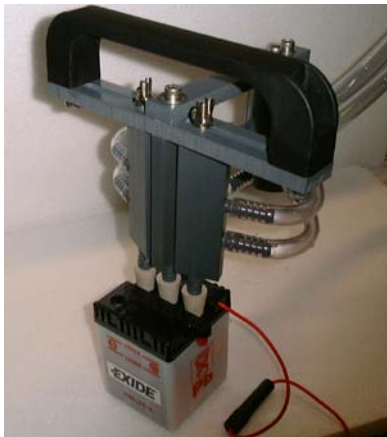
Principle of operation:

The battery is placed on the conveyor and pushed to a filling position. The air ejector is started and the filling nozzle/handle is then placed on the battery and pressed so that the rubber seals close tightly around the filling hole/holes. When a vacuum is obtained in the battery, acid is sucked into the cell/cells from the acid tank.

When the battery is filled, excess acid overflows into the first expansion vessel and back to the tank. To obtain an even level, the nozzle/handle should be wiggled back and forth. The filling is stopped immediately when the nozzle/handle is lifted from the battery.

Desired level of filling is set by increasing or reducing the number of spacers on the nozzle.

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Filling handle with 3 nozzles for motor cycle batteries



Filling handle with 3 nozzles for automotive batteries.

FEATURES:

- Simple design
- Easy and safe to use
- Minimum drip
- Different filling handles for automotive and motorcycle available (option)

TECHNICAL DATA:

	Vacuum pump	Air ejector
Capacity (12V 60A):	~120 batteries/hour	~120 batteries/hour
Accuracy:	±1mm	±1mm
Dimensions LxWxH	2000x1200x1500mm	2000x1200x1500mm
Voltage:	400v-50Hz	—
Power consumption:	<1kW	—
Pressure:	6bar-	6bar
Connections:	R½"	R½"
Air consumption	-	400Nl/min
Acid connection:	Ø32	Ø32
Tanks:	145l / 38Gallons	145l / 38Gallons