

ACID FILLER SF1-3

SF1-3 is an acid filler intended for filling all types of SLI batteries to a pre-set level. SF1-3 fills according to the vacuum principle and is available in three versions. What differ between the versions are the capacity and the vacuum unit. SF1-3 is intended for mounting to a wall above the acid holder, which can be anything from a 20-litre drum to an 800-litre tank. The machine consists of a vacuum pump or an ejector, two expansion vessels and a nozzle/handle. There are different filling handles to choose from with 1, 2, 3 or 6 nozzles both for automotive and motorcycle batteries.

All parts that come into contact with acid are made of PVC/PP or stainless acid-proof steel.



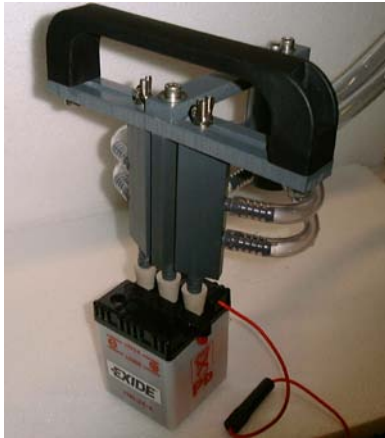
Acid Filler SF1-3 with vacuum pump

Principle of operation:

The level is set by increasing or reducing the number of spacers on the nozzle. The filler is started either by turning on the main switch (vacuum pump) or by using the pedal (ejector). The 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 container.

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

ACID FILLER SF1-3



Filling handle with 3 nozzles for motor cycle batteries



Filling handle with 6 nozzles for automotive batteries.

FEATURES:

- Simple design
- Easy and safe to use
- Minimum drip
- Tank connection for 1000 litres container available (option)
- Different filling handles for automotive and motorcycle available (option)

TECHNICAL SPECIFICATION:

	Vacuum pump 230V	Vacuum pump 380V	Air ejector
Capacity(12V,60A):	~60 batteries/hour	~80 batteries/hour	~80 batteries/hour
Accuracy:	±1 mm	±1 mm	±1 mm
Dimensions L × W × H:	500 × 150 × 750 mm	700 × 150 × 750 mm	500 × 150 × 800 mm
Voltage:	230 V DC – 50 Hz	230 V DC – 50 Hz	–
Total power:	220 W	220 W	–
Pressure:	–	–	6 bar
Connections:	–	–	R ¼"
Air consumption:	–	–	300 NI/min
Acid connection:	2 × Ø 20	3 × Ø 20 or 800 l tank connection	3 × Ø 20 or 800 l tank connection
Tanks:	–	–	–
PLC system:	–	–	–
OP:	–	–	–