

EasyProof

Portable Motor Driven Sampler



EasyProof



Portable motor
driven sampler
for liquids

A Labocontrole® Product



APPLICATION

The **EasyProof** sampler is designed to take samples of liquids from tanks, drums or even wells.

The **EasyProof** sampler is an ergonomic, clean and easy way to take liquids up to 500cPs viscosity : its conception allows drawing up until 5 meters depth (16 feet).

Building materials of the sampler coming into contact with the charged product allow it to be adapted to various products : the parts immersed in the liquid and in contact with the collected product are made of silicone and SS 316L.

PRINCIPLE

The **EasyProof** sampler is cleverly manufactured using the concept of a peristaltic pump fitted with a silicone hose weighed down with a heavy nozzle.

Actuated by the electric engine of the pistol, the pump draws the wanted quantity of product and discharge the sample in a bottle.

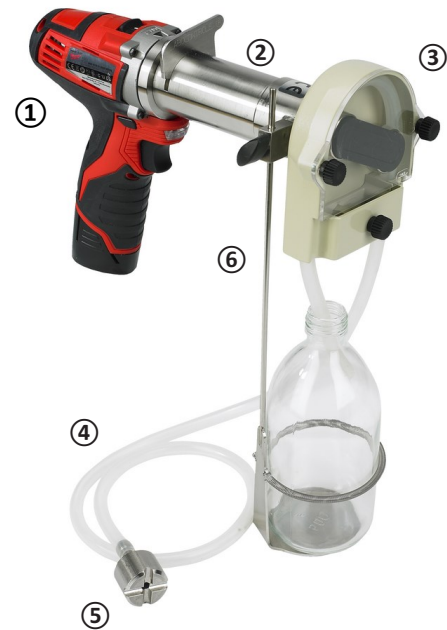
The bottle is held in a bottle holder attached to the sampler which is very convenient for the operator.

The **EasyProof** sampler requires a minimum cleaning : the silicone hose and the heavy nozzle are the only parts to be cleaned after sampling. Moreover the reversed rotation (anticlockwise) of the pump induces the precleaning by purging the silicone hose before rinsing it.

For optimal hygienic conditions at the time of sampling, the hose and SS 316L nozzle can be sterilized in a sterilizer.

DESCRIPTION

Ref	Description
1	12V drill motor Pistol and rechargeable batteries Lithium-ion 12V-2 Ah (*)
2	Connection cylinder with closing pin SS 304L
3	Peristaltic pump with 2 brass rollers - Pump Flow max 4 liters/minute
4	Silicone flexible hose 6/10mm - Standard length: 16 feet
5	SS 316L nozzle
6	Bottle holder for diameter up to 90mm Adjustable height from 60 to 120mm (2.36 to 4.72 Inch)



(*) delivered in carrying case with a spare battery and rapid charger 220V american electric standard 120V on demand

The **EasyProof** sampler is also available in a pneumatic version for EX area.

The pistol has to be connected to the compressed air or nitrogen supply 6-7 bar. The recommended operating pressure should not exceed 3 bar.

The silicone hose can be very easily replaced ; the silicone material complies with both FDA and CE 1935/2004 food contact requirements. A certificate accompanies the delivery. The silicone hose may be provided as a sparepart in 25 meters (27 yards) rolls.

Quality Control: before delivery, each sampler is duly tested, powering the pump during 3 minutes continuously.

