

## Peristaltic pump no. 5480.00

21.12.10

Ae 5480.00

### The equipment comprises:

- Peristaltic pump no. 5480.00.
- Mounting pin  $\varnothing 10 \times 105$  mm.
- Wire with Jack-plug for power supply.
- 0.5 m  $\varnothing 6/\varnothing 4$  mm silicone tube (no. 0385.28).

### Application:

The pump is primarily constructed for teaching use. It can be used as dosage pump e.g. in connection with titration experiments in chemistry lessons. The pump is only constructed for the dosage of thin liquids.

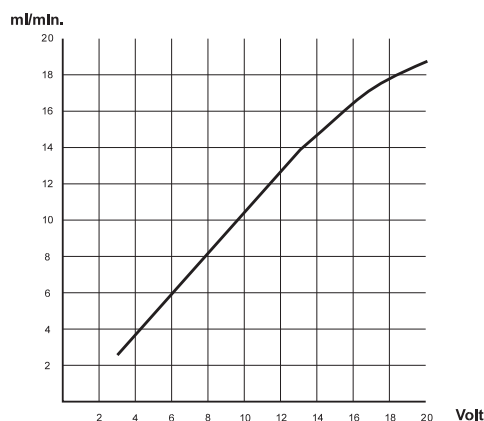
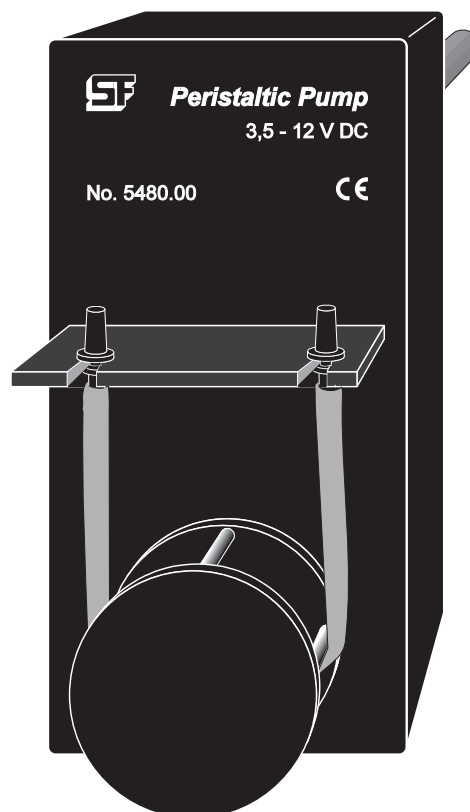
### Description:

The pump is supplied with a  $\varnothing 6/\varnothing 4$  mm dosage tube made of soft silicone material, length 108 mm. The tube is mounted with a special connecting piece in both ends and is firmly fixed around the pump wheel. To make the pump function satisfactorily, the tube must be fastened correctly on the connecting pieces. The pump is supplied with extra 0.5 m silicone tube to be mounted on the free ends of the connecting tubes.

The pump wheel is supplied with 4 smooth-running rollers made of stainless steel, they cause a rolling movement and decrease the friction during pumping. To be able to mount the pump correctly, the pump is supplied with a  $\varnothing 10$  mm mounting pin, to be screwed tightly in the backside of the pump. Electric power is supplied by means of the wire with Jack-plug in one end and banana plug in the other end. After connection to the power supply the pump can be started and stopped by means of the switch on the backside of the pump. As power supply every ordinary direct current power supply can be used (0-20 V/100 mA).

### Technical specifications:

- Voltage: 3,5 – 12 V DC. (To increase the pump capacity, the voltage can be increased to 24 V in up to 30 min without problems).
- Current: 0 – 80 mA.
- Pump capacity: 0 – 13 mL/min.
- Dimension: B x H x D: 51 x 101 x 103 mm.
- Weight: 340 g.



The curve shows the pump capacity in proportion to the voltage.