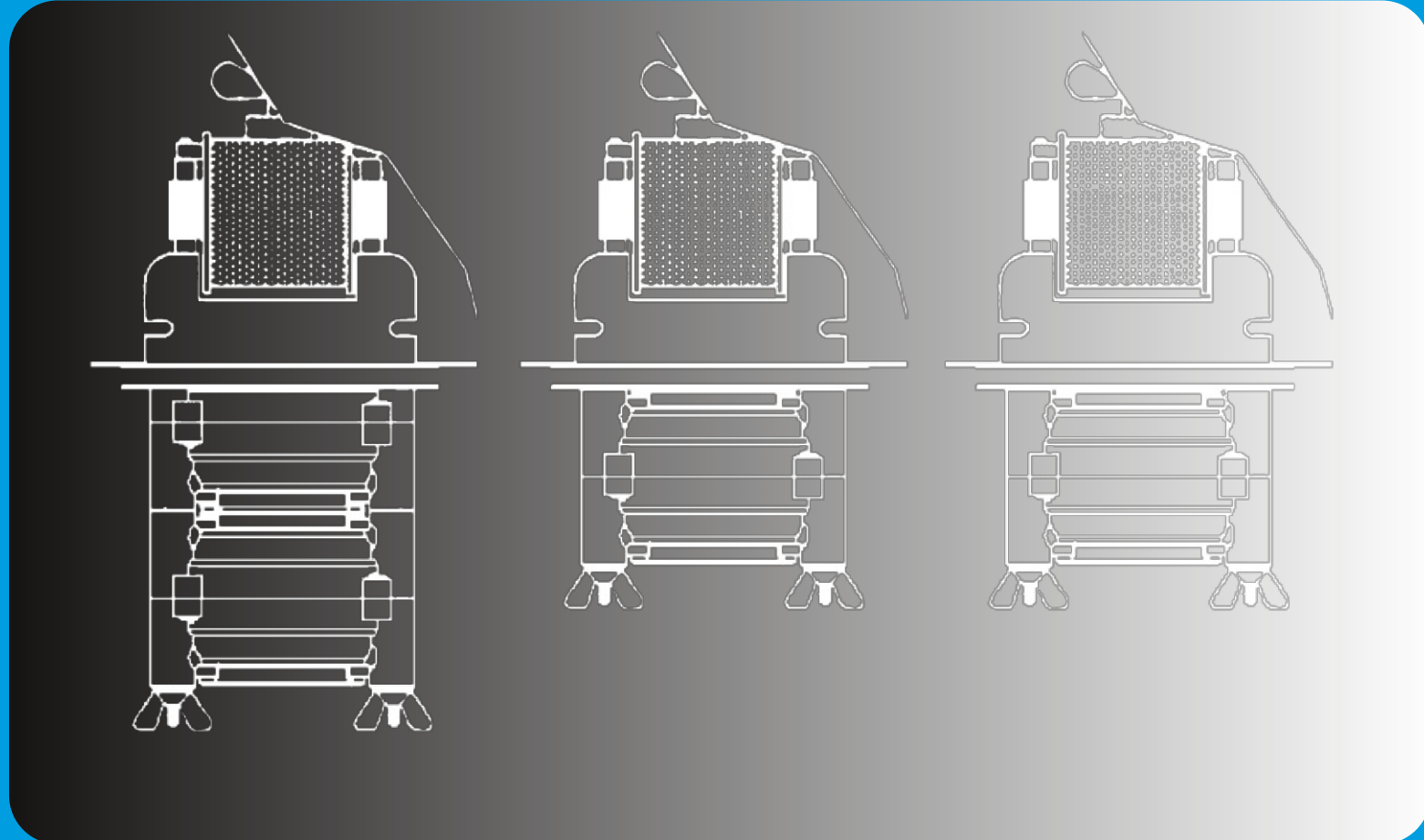
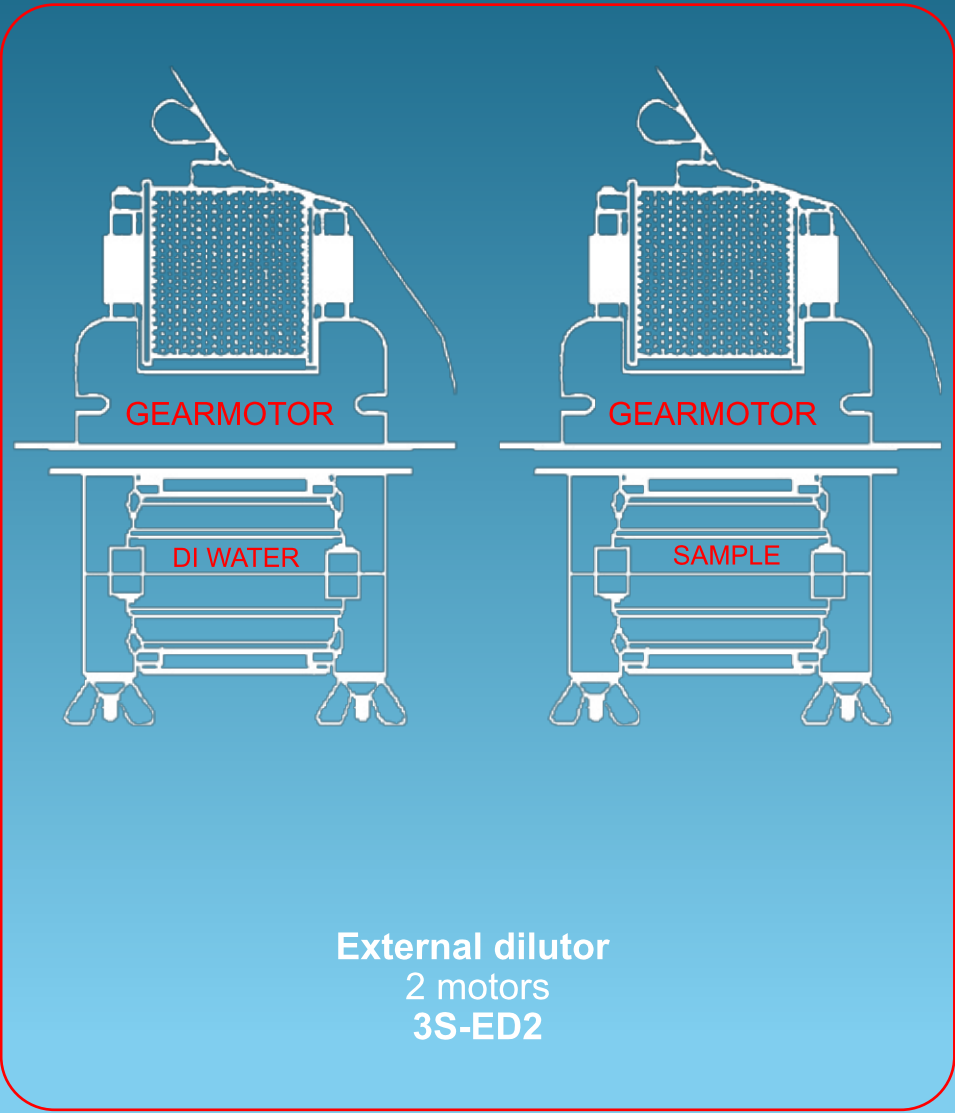
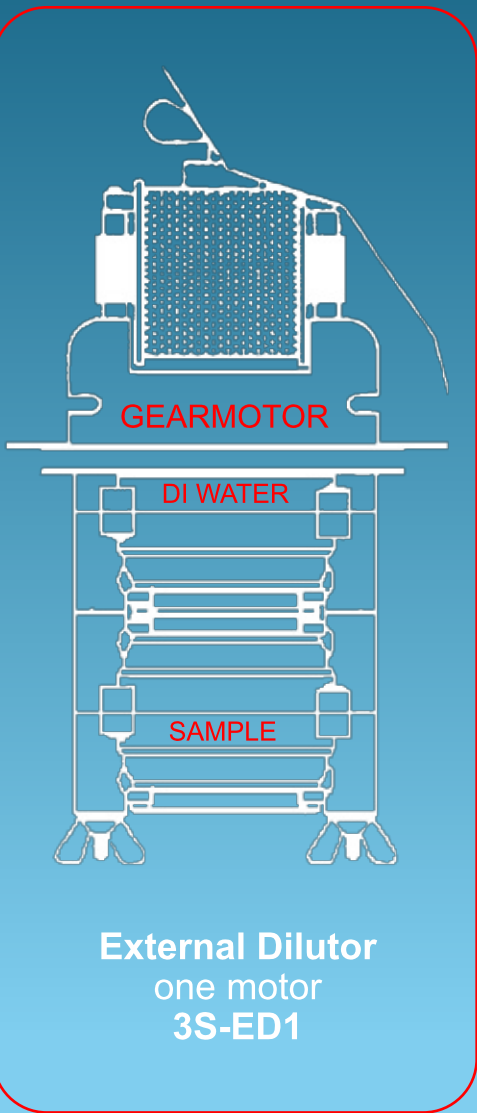




EXTERNAL DILUTOR DATASHEET
MODEL 35-ED





The external dilutor is an optional accessory for on-line analyzers.

It is available in 2 different configurations:

- two pump heads connected to one gearmotor
- two different motors with one pump head each

Dilution ratio depends on the delivery of the pumps and of the number of rotation of the motors.

Supplied with fixing plate for wall mounting.

Power supply:

the external dilutor is designed for operation with 220VAC, 50 Hz power (115 Vac 50 Hz option). It is provided with 2 meters long power cord and European Schuko plug (ref. CEE 7/ VII regulation).

Gearmotors used:

- 1 rpm
- 2 rpm
- 5-6 rpm
- 10-12 rpm
- 20 rpm

Pump heads used and delivery rate:

| | |
|----|--------------------|
| 14 | 0,21 cc / rotation |
| 16 | 0,8 cc / rotation |
| 15 | 1,5 cc / rotation |
| 24 | 2,8 cc / rotation |

Calculation of dilution ratio

configuration with one motor and 2 pump heads = (delivery rate sample pump + delivery rate dilution pump) / delivery rate sample pump

Calculation of dilution ratio

configuration with 2 motors with one pump head each = [(sample gearmotor rpm * delivery rate sample pump) + (dilution gearmotor rpm * delivery rate dilution pump)] / (sample gearmotor rpm * delivery rate sample pump)

Peristaltic pump tubing:

norprene standard, pharmed, tygon and viton as option.

Dimensions and weight:

approx. 350 x 100 x 100 mm 3 Kg