

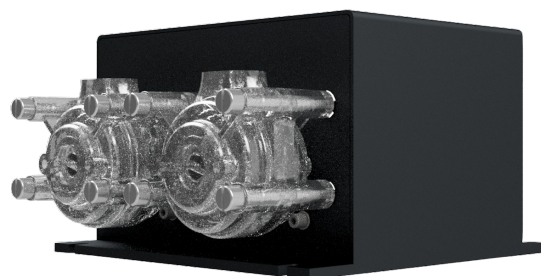
External Dilutor ED2

DESCRIPTION

ED2 is a complete dilution system in a small form factor. It consists of two motors and two pump heads, one pair for the sample and the other for dilution water.

The sample and dilution water are pumped and mixed together. The dilution ratios can be calculated from the corresponding motor speed and pump size. Various dilution ratios are available.

The ED2 dilutor is available in both 110 and 230 VAC versions.



FEATURES

- **Small and compact**

The entire dilutor unit is only 300 x 100 x 100 mm (11.8 x 3.94 x 3.94 in) and weights only 3 kg (6.6 lbs).

- **Versatile, many dilution ratios available**

Many different dilution ratios can be configured by combining certain motor speeds, pump heads and tubing diameters.

- **Reliable and sturdy**

The simple construction of the dilutor guarantees reliability and ease of use.

- **Easy maintenance**

All serviceable parts are on the front of the dilutor. No other maintenance required apart from pump tubing replacement.

APPLICATIONS

Compatible with 3S Colorimeter, UV and TOCmeter analyzers.

Sample dilution is necessary in applications where the required measuring range exceeds the maximum range of the analyzer.

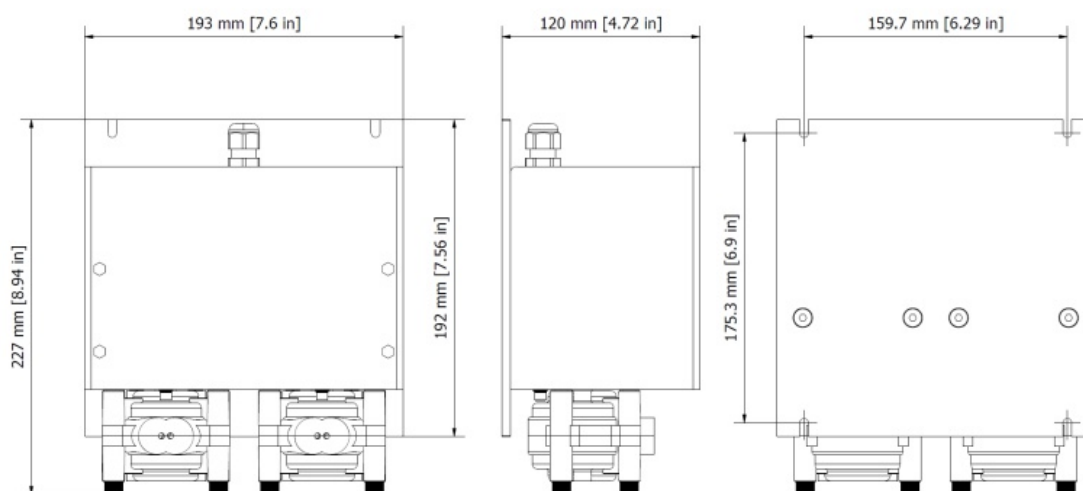
DILUTION RATIO

DILUTION MOTOR RPM	DILUTION PUMP SIZE	SAMPLE MOTOR RPM	SAMPLE MOTOR SIZE	DILUTION RATIO
10	16	10	16	X2
10	15	10	16	X3
20	16	5	16	X5
20	16	2	16	X10
20	15	2	16	X20
20	24	2	16	X40

TECHNICAL SPECIFICATIONS

Power Supply	Customer must specify 110 VAC, 220 VAC
Dimensions	300 x 100 x 100 mm (11.8 x 3.94 x 3.94 in)
Weight	3.0 kg (6.6 lbs)
Material	Coated cold-rolled steel
Operating Temperature	5 ° C / +40 ° C (+41 ° F / +104 ° F)
Operating Sample Pressure	Atmospheric (dedicated overflow reservoirs)
Input Sample/Water Flow	100 - 500 mL/min (to dedicated overflow reservoirs)
Output Sample Flow	20 - 60 mL/min
Max Samples	1
Dilution Ratios	2x, 3x, 5x, 10x, 20x, 40x

TECHNICAL DRAWINGS



ORDERING INFORMATION

- A46ED2110X0 - External Dilutor two motors with single pump head - 10x dilution - 110VAC
- A46ED2120X0 - External Dilutor two motors with single pump head - 20x dilution - 110VAC
- A46ED2140X0 - External Dilutor two motors with single pump head - 40x dilution - 110VAC
- A46ED215X00 - External Dilutor two motors with single pump head - 5x dilution - 110VAC
- A46ED2210X0 - External Dilutor two motors with single pump head - 10x dilution - 230VAC
- A46ED2220X0 - External Dilutor two motors with single pump head - 20x dilution - 230VAC
- A46ED2240X0 - External Dilutor two motors with single pump head - 40x dilution - 230VAC
- A46ED225X00 - External Dilutor two motors with single pump head - 5x dilution - 230VAC

Spare Parts

- A46ED2BC00 - Protective case for external dilutor model ED2
- A46ED2EB00 - Electronic board for ED2
- A46ED2YOK - Annual set of noreprene tubings for peristaltic pumps – for 3 replacements. Serial number of the dilutor to be specified