

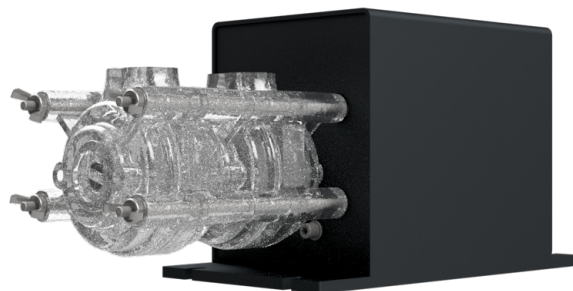
# External Dilutor ED1

## DESCRIPTION

ED1 is a simple and easy to use dilution system. It consists of one motor with two pump heads, one for the sample and one for dilution water.

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

The ED1 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, various dilution ratios available**

Many different dilution ratios can be configured by combining 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.

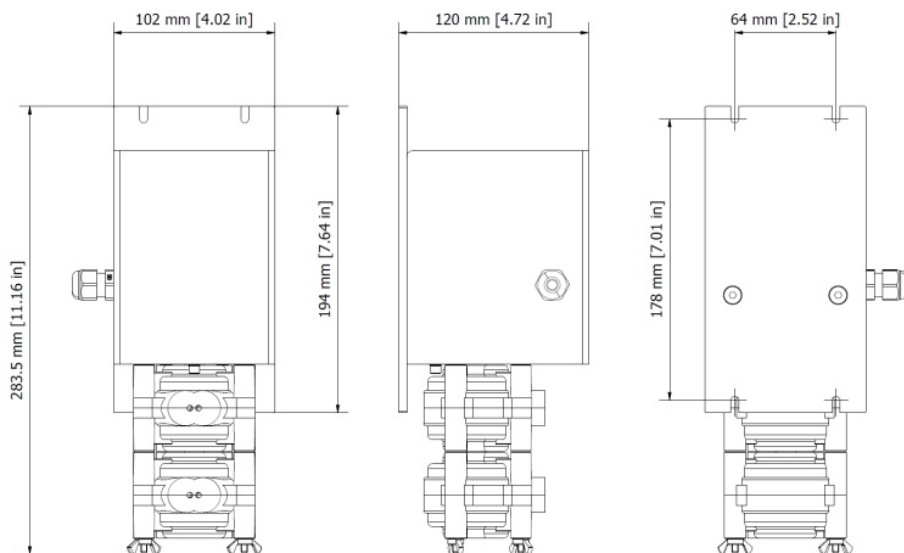
## DILUTION RATIO

DILUTION PUMP SIZE	SAMPLE PUMP SIZE	DILUTION RATIO
16	16	2X
15	16	3X
24	16	4.5X

## 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, 4.5x

## TECHNICAL DRAWINGS



## ORDERING INFORMATION

- A46ED1110X0 - External Dilutor one Motor with Dual pump head - 4,5x dilution - 110VAC
- A46ED112X00 - External Dilutor one Motor with Dual pump head - 2x dilution - 110VAC
- A46ED115X00 - External Dilutor one Motor with Dual pump head - 3x dilution - 110VAC
- A46ED1210X0 - External Dilutor one Motor with Dual pump head - 4,5x dilution - 230VAC
- A46ED122X00 - External Dilutor one Motor with Dual pump head - 2x dilution - 230VAC
- A46ED125X00 - External Dilutor one Motor with Dual pump head - 3x dilution - 230VAC

### Spare Parts

- A46ED2YOK - Annual set of noprrene tubings for peristaltic pumps – for 3 replacements. Serial number of the dilutor to be specified
- A46ED1BC00 - Protective case for external dilutor model ED1