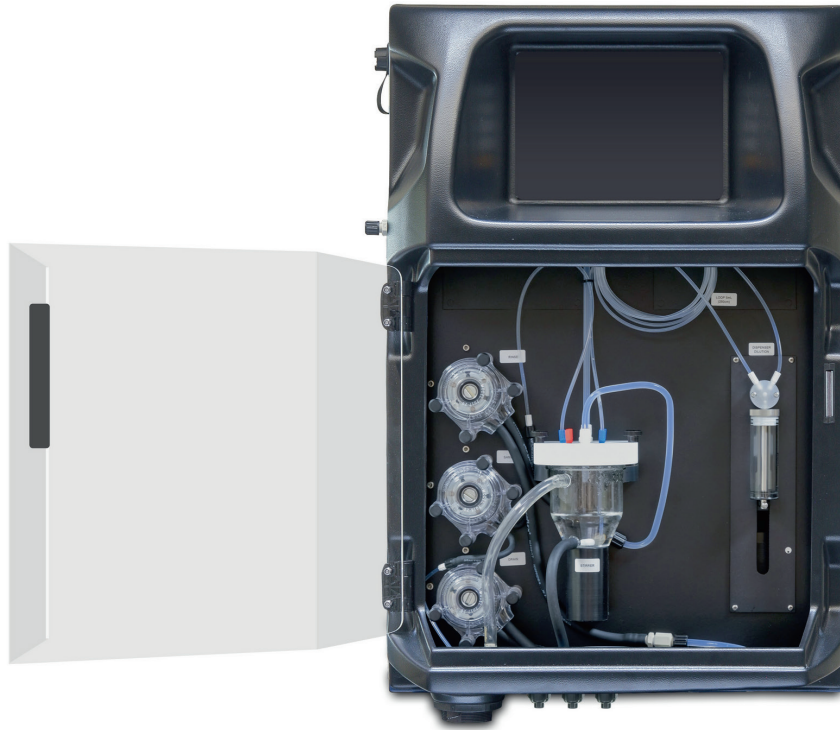


EZ9700 External Dilution Unit

Applications

- Wastewater
- Surface Water
- Process Water



Product image may differ from actual product. Please refer to technical drawings.

Convenient and precise sample dilution up to 1/250 - compatible with EZ Series online analyzers

About the EZ9000 Series

The successful implementation of online analyzers in process control strategies could not have been achieved without the development of a new generation of automatic sampling and sample preconditioning systems. The EZ9000 Series are the result of many years of experience in filtration, dilution and settling.

The EZ9700 is an external dilution unit designed for sample dilution in water analysis applications where concentrations of the analyte are so elevated that absorbance readings would be out of range, while any internal sample dilution would not be sufficient to cover the broad measuring range. The unit combines a number of features with ease of use:

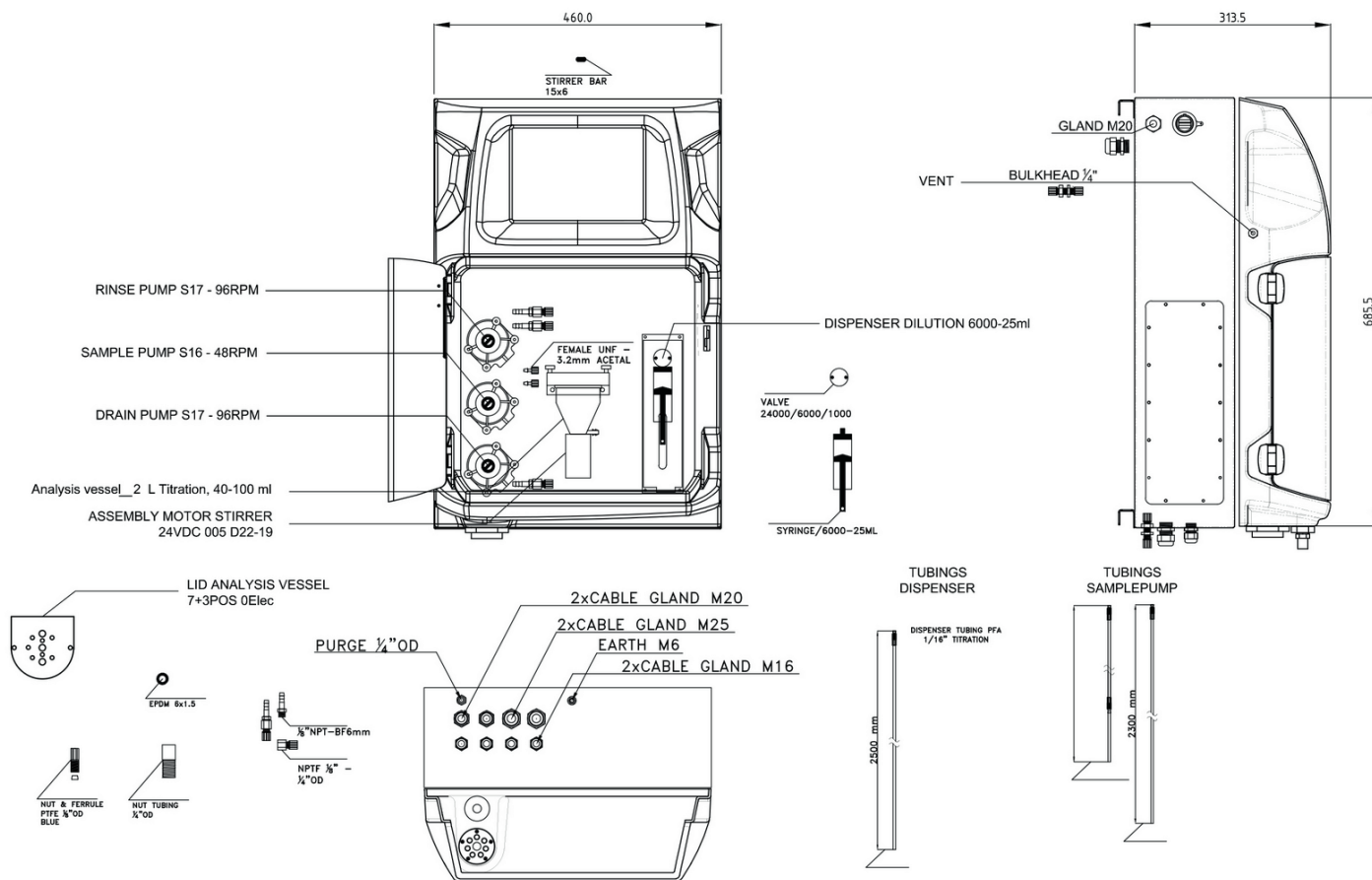
- Discontinuous sample dilution system for external dilution up to 1/250
- Robust alternative to internal sample dilution by micropump or dispenser
- Dilution with demineralized water
- Fully controlled by analyzer panel PC

Technical Data*

| | |
|-------------------------------|---|
| Dilution | 1/50, 1/100, 1/150, 1/200, 1/250; controlled by analyzer |
| Cleaning | Automatic; frequency freely programmable |
| Required Fast Loop | 100 - 300 mL/min |
| Sample Temperature | Max. 65 °C (149 °F) |
| Instrument Air | Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air |
| Drain | 1/4" OD tubing |
| Demineralized Water | For dilution |
| Power | 100 - 240 VAC, 50/60 Hz Max. power consumption: 120 VA |
| Earth Connection | Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ² |
| Protection Class | IP55 |
| Material | Cabinet: PVC Dilution vessel: borosilicate glass Tubing: Norprene, PFA, PE |
| Dimensions (H x W x D) | 690 mm x 465 mm x 330 mm |
| Weight | 25 kg (55 lbs.) |

**Subject to change without notice.*

Dimensions - Drawings



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With Hach Service, you have a global partner who understands your needs and cares about delivering timely, high-quality service you can trust. Our Service Team brings unique expertise to help you maximize instrument uptime, ensure data integrity, maintain operational stability, and reduce compliance risk.

Order Information - Part Number Configurator

| External dilution unit, controlled by analyzer | EZ9700.99 | X | X | X | X | X | 2 |
|---|-----------|---|---|---|---|---|---|
| External dilution unit, master for +1 analyzers | EZ9750.99 | | | | | | |
| Dilution ratio | | | | | | | |
| Max. 50x dilution | | 1 | | | | | |
| Max. 100x dilution | | 2 | | | | | |
| Max. 150x dilution | | 3 | | | | | |
| Max. 200x dilution | | 4 | | | | | |
| Max. 250x dilution | | 5 | | | | | |
| Power supply | | | | | | | |
| Standard 100 - 240 VAC, 50/60 Hz | | | 0 | | | | |
| Number of sample streams | | | | | | | |
| 1 stream | | | | | 1 | | |
| 2 streams (total # of streams from connected analyzer(s)) | | | | | 2 | | |
| 3 streams (total # of streams from connected analyzer(s)) | | | | | 3 | | |
| 4 streams (total # of streams from connected analyzer(s)) | | | | | 4 | | |
| 5 streams (total # of streams from connected analyzer(s)) | | | | | 5 | | |
| 6 streams (total # of streams from connected analyzer(s)) | | | | | 6 | | |
| 7 streams (total # of streams from connected analyzer(s)) | | | | | 7 | | |
| 8 streams (total # of streams from connected analyzer(s)) | | | | | 8 | | |
| Number of analyzers^{*)} | | | | | | | |
| 1 analyzer | | | | | | 1 | |
| 2 analyzers (only EZ9750) | | | | | | 2 | |
| 3 analyzers (only EZ9750) | | | | | | 3 | |
| No adaption, standard version | | | | | | | |
| | | | | | | | 0 |

^{*)}Similar dilution ratios required.

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