



CeraClean

Advantages

CeraClean is used with the Bran+Luebbe PowerMon and DiaMon, delivering a continuous supply of purified sample for analysis. CeraClean advantages compared to other filters:

- Low dead volume gives rapid response time
- Robust construction for long life
- Resistant to strong chemicals
- Longer cleaning intervals
- Smaller size
- Lower energy consumption
- Lower operating costs
- Supplied premounted for easy installation

- Sample preparation system for automatic Monitors

A sample stream of about 3 m³/h is pumped through the CeraClean.

Filtrate passes through the special filter tube and is pumped to the analyzer. Blockages are minimized by a special tangential flow through the filter, and automatic back-flushing extends the filter life to several weeks between cleaning.

CeraClean is specially designed for low energy consumption and low maintenance costs, which are provided by the automatic cleaning and a small feed pump.

Applications

- Sewage and industrial water treatment plants
- Degreasing baths
- Sludge
- Automatic washing installations
- Rubbish tip leachate

CeraClean removes solids, colloids and high molecular weight interfering substances from dirty samples.

CeraClean



Technical Data

Number of Moduls

1

Life Cycle

approx. 6 months

Solids separation

Standard filter tube removes solids, colloids and compounds larger than 0.4 μm Other filter types available (approx. 80 μm for TN/TP)

Sample temperature

> 10°C - 100°C

Chemical resistance

pH 1 - 13

Sample pressure

1 - 2 bar

Sample flow rate

min. 1 m³/h, max. 3 m³/h

Filtrate flow rate

at least 2,0 l/h

Ambient temperature

0 - 45°C

Chemical interval

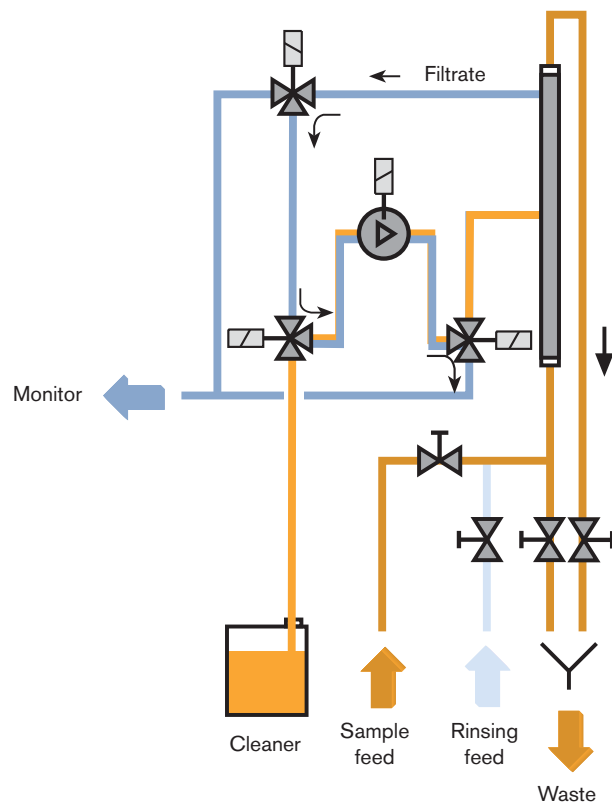
2 - 8 weeks, depending on sample contamination

Power requirements

97 V - 265 V, 48 Hz - 62 Hz
approx. 70 VA

Dimensions (HxWxD)

1000 x 500 x 240 mm



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