

## 4kW Flow Cell

### Intended uses

#### Food industry.

It is mainly used in the following processes:

- Crystallization.
- Emulsion.
- Extraction
- Fermentation
- Pasteurization.
- Filtration

#### Water treatment

Its main use is in processes of:

- Disinfection
- Bacteria elimination
- Parasite elimination
- Germ elimination

#### Biogas Production

Improves the biogas production process

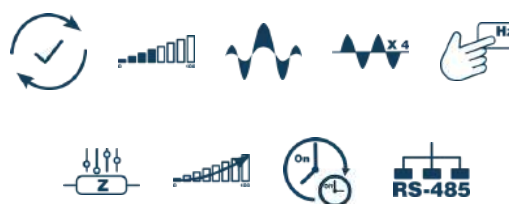
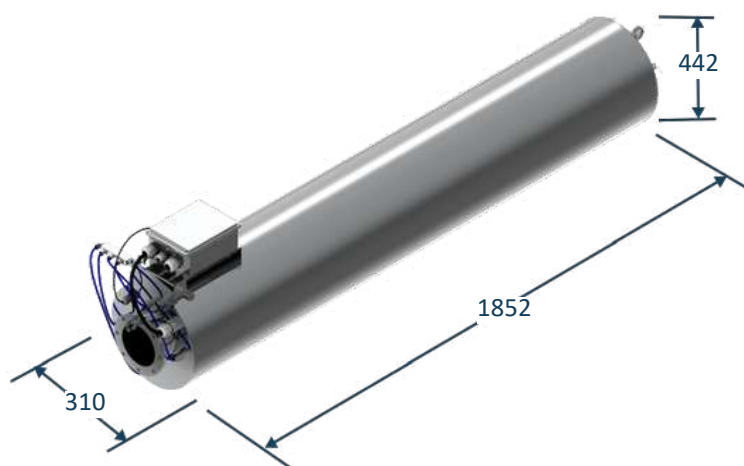
- Increased biogas production (up to 25%)
- Reduction in digestion time (up to 60%)
- Substrate savings or reduction of unfermented substrate (up to 30%)
- Reduction in digestate disposal (up to 30%)



### Main features

|                                  |                   |
|----------------------------------|-------------------|
| External dimensions LxWxH (mm)   | 1852 x 442 x 310  |
| Maximum consumption (kVA)        | 4                 |
| Working frequency (kHz)          | 24 - 25 - 28 - 33 |
| IP protection rating             | 54                |
| Fluid temperature (°C)           | 5 - 25            |
| Maximum system temperature (°C)  | 65                |
| Maximum working pressure (bar)   | 3                 |
| Inlet pressure for cooling (bar) | 5.5               |
| Supply voltage (Vac)             | 230 / 400         |
| Communication protocol           | Modbus RS 485 RTU |
| Air cooling up to -40°C          | Yes               |
| Connection flange                | DN 150            |

### Cell Measurements



DCM ultrasonic

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