

LIQUID DECONTAMINATION SYSTEM

BIOWASTE BASIC

CHARACTERISTICS

Biowaste Basic provides a simple system for decontamination of liquid waste in reduced quantities. It is based on the accumulation and subsequent chemical decontamination of liquid waste produced in a Biological Safety enclosure.

- Its operation is semi-automatic, the equipment warns of the internal situation of the waste tank and proposes the next step to be performed.
- Decontamination is produced by easy-to-use chemicals and market location.
- Once the volume is decontaminated, pressing a button results in emptying the tank towards the general drain line.
- As these are small volumes, neutralization of decontaminated waste is not necessary. If necessary, neutralization protocol would be applied.
- In the smaller units there is a washbasin that works automatically by means of a non-contact electronic sensor (according to UNE EN 12128:2004).



CONFIGURATION

Biowaste Basic consists of the following components:

- Sink unit with "non-contact" drive faucet according to UNE EN 12128:2004. (SMALL UNITS ONLY)
- Unit built in AISI 304 Stainless Steel. Effluent deposit made of polypropylene.
- Pumping unit from the tank to sewerage network.
- An emergency eyewash can optionally be incorporated.

CONTROL PANEL



PRINCIPAL OFFICE

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DELEGATIONS

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OPERATION

- Contaminated liquids are disposed of through a stainless-steel pool, as well as liquids from the sink. The taps of the Biowaste Unit are activated by infrared, avoiding touching it.
- Once the volume of the Biowaste tank is reached, an indicator will be lit warning of the next decontamination process, while disabling the drive of the sink.
- Defined volume of BIOCIDA (TCI) is added to perform chemical decontamination of reservoir effluents.
- Wait a while, between 4 hours and all night (recommended).
- If you continue to add contaminated material, the unit will detect and alert you, cutting off the action of the built-in or outdoor wash faucet.
- After decontamination, the drain button will be pressed. The Biowaste unit will pump the decontaminated liquid into the general grid.

THECNICAL SPECIFICATIONS

MODEL	BIOWASTE BASIC 135	BIOWASTE 500
Reference	00-BWASTEBASIC135	00-BWASTEBASIC500
Capacity	135 L	480 L
Level Control	Automatic, using sensors	
Operation	Semiautomatic	
Horizontal Pumping Capacity	20 mts.	
Vertical Pumping Capacity	4 mts. High	
Internal Working Voltage	24 V DC	
Supply Voltage	220 V AC	
Consumption	Max. 2 A	
Washbasin Capacity	20 lts.	It does not incorporate
External Dimensions	900X700X900 mm (widthxdepthxhigh)	1200X800X1500 mm (widthxdepthxhigh)
Total Weight	70 Kg	280 Kg

OFICINA PRINCIPAL

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