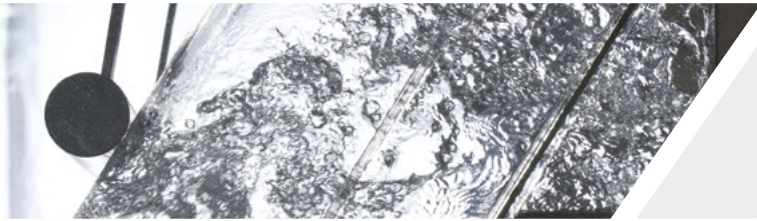




## EASY 200

BOTTLE WASHER PASSTHROUGH



Pass-through washing system for efficient cleaning of water bottles and bottle caps used in animal facilities. Complete with multi-type process tables including bottle emptying, de-capping, re-capping and refilling.



### STANDARD TECHNICAL FEATURES

#### ▶ SPACE-SAVING AND FLEXIBLE DESIGN

The **EASY 200 Bottle Washer** is an electrically heated system with compact dimensions to keep a full bottle process in a limited space. Moreover, the working tables' design guarantees enough space to store detergent, spare parts, cleaning tools or any other items to keep the space around the washing area clean and free for an optimal workflow efficiency.

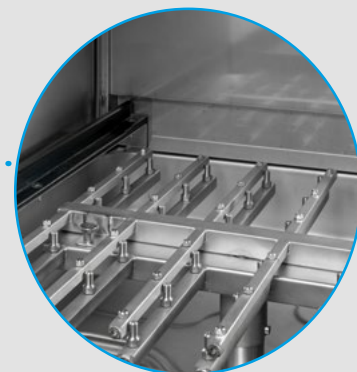
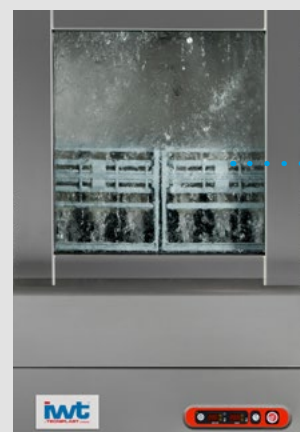
The system is suitable both for standalone and in-line pass-through applications featuring double sliding interlocked doors. It is flexible to be installed in existing layout with an adaptable workflow direction and configuration that can be set during the onsite installation accordingly to the final customer layout.

#### ▶ CLEANING EFFICIENCY AND EFFICACY

The EASY 200 guarantees high washing performance with a throughput of **36 bottles/cycle** (#2 crates/cycle). The system features separated washing and rinsing circuits with dedicated pumps. The detergent is dosed by means of a peristaltic dosing pump provided as a standard feature. The water is delivered to the chamber through a dedicated and fixed S/S nozzle system composed by **36 separated washing and rinsing jets**. The cleaning cycle has been validated in terms of water flow, pressure, and coverage to guarantee outstanding performance. The operator can monitor all cleaning cycle phases thanks to the presence of the glass window installed on the bottle washer side.



EASY 200 BOTTLE WASHER



36 WASHING AND RINSING JETS



## EASY 200

BOTTLE WASHER PASSTHROUGH

### ► COST-EFFECTIVE SOLUTION WITH AN ENVIRONMENTALLY FRIENDLY IMPACT

Thanks to its unique features, included as standard, the EASY 200 Bottle Washer system guarantees a real environmentally friendly solution with undeniable cost savings:

- **re-circulating washing cycle**, with consequent reduced water and detergent consumption
- **heat recovery system, to save up to 34% of energy** during a single cleaning cycle
- **water discharge control system** (temperature and pH control), for leaner integration with customers' main lines.

### ► ERGONOMIC AND USER-FRIENDLY SYSTEM

The unique **ergonomic design** aims to reduce additional effort and fatigue during all repetitive operator tasks.

The operational height has been studied to facilitate the items' loading and unloading, the ergonomic handles facilitate the manual lifting for doors' opening/closing, making the daily operations smooth and fast. Moreover, the bottle washer is equipped with **specific rails to facilitate the bottle crates loading into the chamber**.

The filter, entirely made of S/S, has an ergonomic access directly from the washing chamber for the operator to perform an easy and quick cleaning, and maintenance operations.

The EASY 200 bottle washer is equipped with a **user-friendly integrated panel** for an easy selection of the proper cleaning cycle: 5 pre-set cycles can be selected, whose parameters can be adjusted on-site at customer needs.



ERGONOMIC HANDLES



TOUCH PANEL

### ► VERSATILE SOLUTION FOR A FULL PROCESS

The EASY 200 bottle washer is compatible with BC-Plast, BC-Matic and other logistics. It has full flexibility to be combined with additional shelves and with multiple tables for operators' ergonomic processing, including semi-automatic solutions for de-capping and re-capping operations, in order to fulfil different customers' needs:

- **Emptying tables**, with a syphoned sink for proper bottle emptying
- **Filling tables**, with a manifold to fill up to 36 bottles at once with animal drinking water, inclusive of a selector to set the desired volume of water in the bottles and a button to start automatically the bottle refilling
- **Special electropolished table**, with extra space underneath for the acidification unit
- **De-capping station**, for a semi-automated caps' removal process
- **Re-capping station**, for a semi-automated caps' positioning process.



BOTTLE PROCESSING ACCESSORIES



## OPTIONS

Rear machine panels (mandatory in case of installation NOT against the wall installation)

Additional shelf to be positioned on the side of the machine (please select the number of shelves required below):

- no. 1 shelf
- no. 2 shelves

Separation kit barrier for dirty and clean sides (pass-through application)

## EQUIPMENT CONFIGURATION

### ► SYSTEM CONFIGURATION

- Emptying table
- Semi-Automated Emptying table
- Filling table
- Semi-Automated Filling table
- Acidification Unit

### ► WORKFLOW DIRECTION

- Right to Left
- Left to Right

### ► INSTALLATION CONFIGURATION

- Against the wall
- Not against the wall

### ► POWER REQUIREMENTS

- 400V-50Hz (three-phases + neutral + earth)
- 480V-60Hz (three-phases + earth)
- 380V-60Hz (three-phases + neutral + earth)
- 380V-50Hz (three-phases + neutral + earth)
- 200V-60Hz (three-phases + neutral + earth)
- 200V-50Hz (three-phases + neutral + earth)



## EASY 200

BOTTLE WASHER PASSTHROUGH

### COMPLIANCE TO DIRECTIVE AND STANDARDS

<b>2006/42/EC</b>	Machinery Directive
<b>2014/30/UE</b>	EMC Directive
<b>2014/35/UE</b>	Low Voltage Directive
<b>UNI EN ISO 12100:2010</b>	Safety of machinery. General principles for design. Risk assessment and risk reduction.
<b>CEI EN 60204-1:2016</b>	Safety of machinery. Electrical equipment of machines. General requirements

### DOCUMENTATION

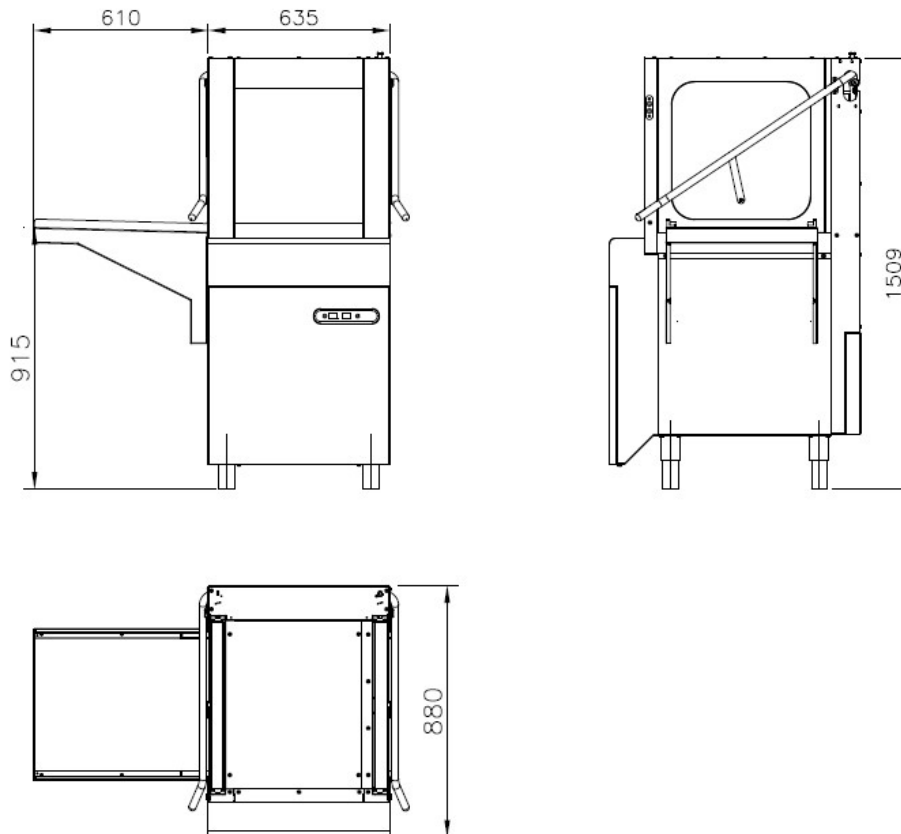
The EASY 200 system is delivered with the following standard documentation:

- User and Maintenance Manual
- P&ID
- Wiring diagram
- Pneumatic diagram
- Spare part list
- EC conformity declaration



**EASY 200**  
BOTTLE WASHER PASSTHROUGH

**TECHNICAL DATA AND SERVICE REQUIREMENTS**



	SERVICE	CONNECTION	SERVICE REQUIREMENTS	
				METRIC UNIT
E	Electrical supply	Industrial Plug	Voltage and frequency: Type: Power required: Value of the protection fuses on the wall power socket:	400 V/50 Hz 3 phases + n + earth 11.5 kW 32A
CW	Softened Water	3 / 4" GAS	Dynamic pressure: Supply temperature: Supply flow rate:	2-3 bar 50°C - 60°C 2400 l/h
D	Floor Drain	Pipe Øi=40mm	Max flow rate:	2 l/s
TW	Drain Cooling	Drain Cooling	Dynamic pressure: Supply temperature: Supply flow rate:	2-3 bar 10°C - 25°C 2400 l/h
<b>OTHER DATA</b>				
Operating Weight			164 kg	
Approximate machine heat loss			2.67 kW	
Noise level			<70 dBA	

\*Please consult with your local representatives for further details regarding utility requirements..