# AUTOCLAVES

## PBI Autoclaves in more than 100 countries

# BETA EASY-LOCK

## AUTOCLAVES

## PBI AUTOCLAVES IN MORE THAN 100 COUNTRIES

### RELIABILITY
High resistance to perforating corrosion. Outside structure and inside pressure vessel manufactured from mirror finished AISI 304 stainless steel for easy cleaning and sanitizing.

### OVER NIGHT CYCLE
Is it possible to delay the cycle start.

### EASY CLOSURE
"Easy-Lock" system to be used with a single hand.

### SAFETY
"ABS" insulating cover with vertical position lock.

### TRACEABILITY
Printer (on request).

### FRIENDLY USE
User friendly instruction panel according to GLP.

### FLEXIBILITY
Two models with 25 and 50 litres volume. Vertical loading to maximize usable vessel space. Up toseven personal passwords protected programs.

### CERTIFICATION
Conforms to PED Directive. CE marked. Special fitting for certified thermo-probe to perform validation.

### WORKING TEMPERATURE/PRESSURE
Up to 134 °C (2.1 atm).

### $F_0$ FUNCTION
Ideal to protect the thermosensitive products. Only for 50 litres models.

**"3 R" FOR A GREEN ENVIRONMENT**
- **R**educed energy
- **R**e-cyclable material
- **R**e-usable components

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## 4 GOOD REASONS TO CHOOSE THE "BETA" AUTOCLAVE MODEL

### GOOD LABORATORY PRACTICE

- Special fitting for insertion of certified thermo-probe to perform validation
- I.Q., O.Q., P.Q documentation available on request
- "Data Print" printer (optional)
  1. Date, lot number, cycle progressive number, temperature
  2. Interval time programming during sterilization cycle



*one hand "Easy Lock" closure*

### SAFETY AND ERGONOMY

- "ABS" insulating cover conforms to safety regulations
- "Easy-Lock" closure to be operated with just one hand
- Safety lid lock to avoid accidental closure
- Safety thermostat for low level water control on Beta 25
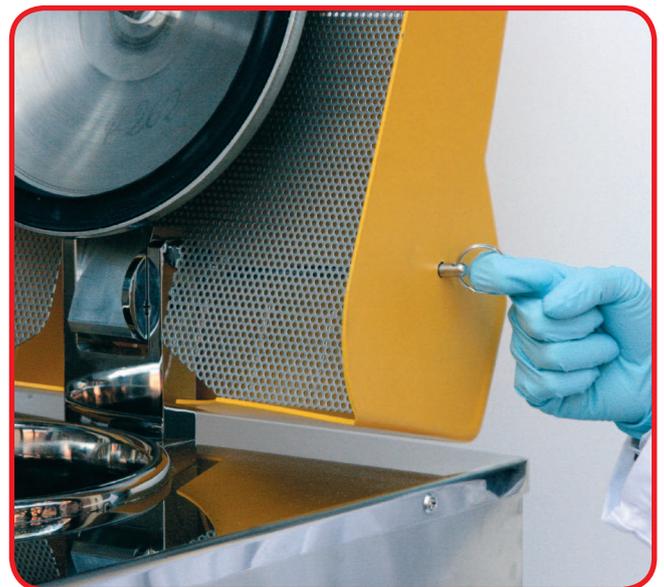- Water sensor on Beta 50

### AUTOMATIC THERMOREGULATION

- Up to 7 automatic and personal sterilization cycles
- Friendly user program panel
- End-cycle acoustic signal
- Programmed temperature, real temperature, and sterilization time visual presentation
- Cycle start can be delayed



*safety lid lock to avoid casual closure*

### RELIABILITY

- Outside structure and inside pressure vessel manufactured from mirror-finished AISI 304 stainless steel for easy cleaning and sanitizing
- Robust AISI 304 Stainless steel basket
- Reinforced heating element

# BETA EASY-LOCK

AUTOCLAVES

| MODEL | BETA 25 | BETA 50 |
|---|---|---|
| Volume | 25 litres | 50 litres |
| Vessel dimensions | Ø 250x450 h mm | Ø 320x600 h mm |
| External dimensions | 550x540x1005 h mm | 550x570x1005 h mm |
| Programs | 5 personal programs | 7 personal programs |
| Thermo-probe | Fixed PT100 | Flexible PT100 |
| Max pressure | 2.1 atm (134 °C) | 2.1 atm (134 °C) |
| Power supply | 220 V (50 Hz) - 1700 W | 380 V triphase (50 Hz) - 3700 W |
| | Other electrical configurations available on request | |
| Weight | 45 kg | 60 kg |
| Loading solutions: number and types of baskets | **A** 1 Macrobox (cod. 5422) | 2 Betabox 50 (cod. 48850) |
| | **B** 2 Minibox (cod. 5421) | 1 Betabox (cod. 89213) 1 Betabox-Mini (cod. 89214) |
| | **C** - | 3 Betabox-Mini (cod. 89214) |

| Loading examples | 500 ml bottles | 1000 ml bottles | 2000 ml bottles | 2000 ml flasks |
|---|---|---|---|---|
| **BETA 25*** basket diameter d24 cm |  4 |  3 |  1 |  1 |
| **BETA 50*** basket diameter d31 cm |  8 |  5 |  3 |  3 |

*\* check the height of the load to stack the baskets*

## WHAT TO ORDER

**Autoclave Beta 25 Easy-Lock**

| 91225 | autoclave "Beta 25 Easy-Lock" - vol. 25 litres - 10 years warranty against corrosion perforation |
|---|---|

*Accessories*

| 5422 | "Macrobox" basket - ext. dim. Ø 24x42 cm - stainless steel AISI 304 - MAX one basket loading |
|---|---|
| 5421 | "Minibox" basket - ext. dim. Ø 24x21 cm - stainless steel AISI 304 - MAX two baskets loading |

**Autoclave Beta 50 Easy-Lock**

| 91382 | autoclave "Beta 50 Easy-Lock" - vol. 50 litres - 10 years warranty against corrosion perforation |
|---|---|

*Accessories*

| 48850 | "Betabox 50" basket - ext. dim. Ø 31x28,5 cm - stainless steel AISI 304 - MAX two baskets loading |
|---|---|
| 89213 | "Betabox" basket - ext. dim. Ø 31x38 cm - stainless steel AISI 304 - MAX one basket loading |
| 89214 | "Betabox-Mini" basket - ext. dim. Ø 31x19 cm - stainless steel AISI 304 - MAX two baskets loading |

*Accessories for all models*

| 78383 | "Data-Print" printer |
|---|---|

*Documentation*
*IQ, OQ, PQ documentation available on request*