



# BELDICO PA 45

## Pasteurisation Automate



**Beldico**  
group

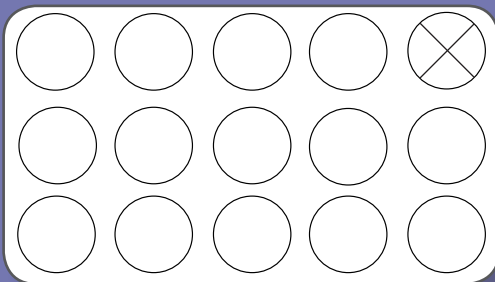


## *Water-free pasteurisation automate*

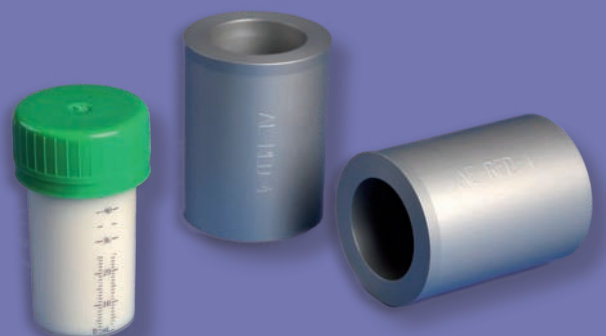
In its research for a continuous improvement of hygiene in the field of infant feeding, Beldico has developed a new concept of mother milk pasteurisation. It has created a complete automatic device which offers an electronic controlled water-free pasteurisation of mother milk and for mula milk. This new dry technique eliminates the risks of transmission of germs into the new born.



### *Flexible structure and capacity*



- 3 independent heating blocks make it possible to choose between a pasteurisation up to 14, 28 or 42 bottles.
- The total pasteurisation cycle, including heating-up, pasteurisation and cooling processes, with 3 blocks, takes about 2 hours.
- In each of the 3 blocks, a “reference bottle” controls continuously the temperature and drives the pasteurisation process.
- The Beldico PA 45 can offer a maximum capacity of 10l pasteurized milk in 240ml feeding bottles.
- Mixed bottles ex. 60ml, 130ml and 240ml can be pasteurized in the same cycle.

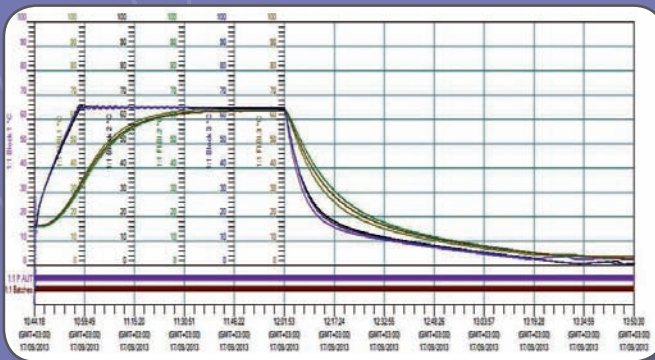


## Processor

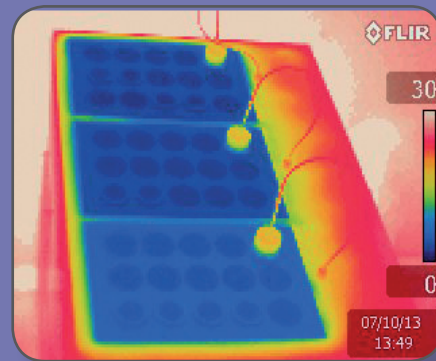


- The Beldico pasteurizer is equipped with a multi-channel process and program controller. This control device is based on a continuous reading and ensures a correct temperature regulation during the complete pasteurisation cycle.

- The Beldico PA 45 proposes a predefined pasteurisation cycle of 30 minutes by 62,5°C that can be adapted by the user to his specific requirements and offers after the heating cycle an automated and rapid refrigerated cooling till 4°C and lower if needed.



\*curve: programe 3, bottles of 130ml filled with dairymilk

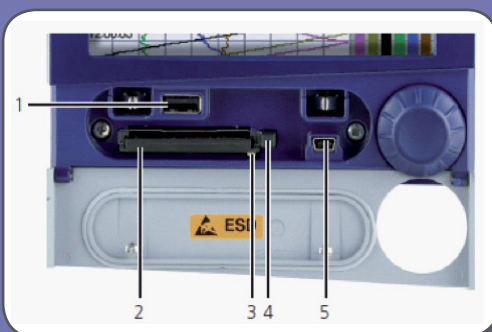


\* IR image of the blocks at start temperature (Image: FLIR E40 bx)

- The pasteurisator can be started up immediately, without any heating-up procedure.
- When the machine is started-up, there is an auto-check of all the parameters.

## Data recording

Cycle reports are automatically generated by the Beldico PA45, as the device is provided with a paperless integrated recorder. It allows instant recording of the temperature, with time and date. The data can then be downloaded on to a software, transferred to PC via interface and Ethernet or printed in different formats.



- USB-Host for exchange of data (measured data, configuration data, user lists) between screen writer and PC.
- CompactFlash®-Slot for the exchange of data (measured data, configuration data, user lists) between screen writer and PC.
- Control-LED glows when CompactFlash®- memory card is accessed.
- Ejector for the CompactFlash®-memory card.
- USB-device for communication with PC equipped with the right software.

## Technical information

- Maximum capacity: 3 x 14 bottles of 50 ml, 120 ml and/or 240 ml
- Shape: rectangular
- Dimensions: 117 x 55 x 95 cm
- Total weight: 245 kg
- Heating: 1.600 Watt / block
- Cooling liquid: 45 l
- Cooling performance: 1.260 Watt
- Power supply: 3 x 230 Volt (380 Volt) / 50 Hz
- Power consumption during process with 3 heating blocks: 5.630 Watt
- Fuse: 3 x 16 ampères
- Protection rating: IP 40
- Control system: LOGOSCREEN NT and IMAGO 500
- Safety certification: CE
- Warranty: 1 year
- Accessories: inserts for 130ml feeding bottles ref. AE-RED-6,  
inserts for 60ml bottles ref. AE-RED-4  
+ stick for removing the inserts

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