Arrival of the washable vial RFID to the French milk control

Why the Washable Vial RFID?

- LactoCorder and EMM in strong development
- Automation of the IT processing
- Traceability of samples
- Management of Vials (Less Vials)
- Management of Tags (less Tag)
- Wash of Vial in laboratories
- Return of investment

Starting up of the project in June, 2008

Le Contrôle Laitier

Characteristic of Vial

Recommendation of France Milk quality control test

- Counts of wash min 60 times
- Resistance in the temperature
- In complete capsule sealing of the Tag
  - Waterproofness
  - completes Integration of the Tag HF LF and Glass Tag
- 2 Models 40 ML and 50 ML
- Compatible robot Ilas

Manufacturing of the first Vial in January 2009

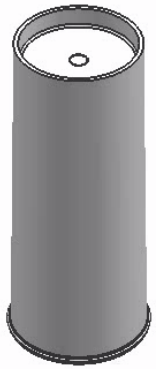
Le Contrôle Laitier

The Washable Vial

1 Body of the Vial

2 the Tag

3 Shutter



The assembly of the shutter makes by weld Ultrasounds on edges directly assuring a complete waterproofness

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Test

- Test of wash OK
- Test Robot Ilas OK
- Test current ground with 2000 vials

Objective

- Mould of production 4 imprints for 40 ML and 50ML
- Production 100 000 pieces for November, 2009

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Tools to use the Vial

- Portable Electronic Milk Meter
  - LactoCorder
  - TTEMM
- Manual recorder WMB TT with recording of the Vial
  - EZITAG of TruTest
  - COMMANDER of WMB (available September 2009)

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LactoCorder and Commander

Automatic identification

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PTEMM and Data Handler

Automatic identification

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Manual Recorder: COMMANDER

- Manual entry Weight of milk
- Reader of Vial RFID
- Reader of Anklet or Manual Identification

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Manual Recorder: EZITAG

- Manual entry Weight of milk
- Read/Write of Vial RFID
- Auto or Manual Identification

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Solution For OCL

1st Step Integration of washable Vial RFID

to begin the wash on the laboratory

2eme Step To spread

The Electronic Portable Milk Meter around 10%

(Every year 10 % in more)

Manual Recorder 90 %

Assure a traceability 100 %, in the course of time

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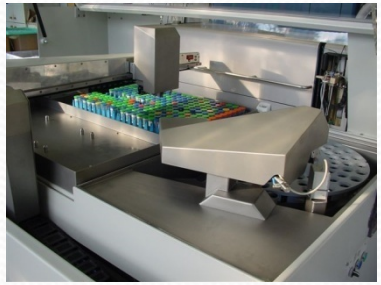
In Laboratory

Database to Milk Control

Robot Ilas



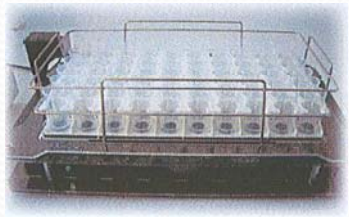


Table reader

Table XY
Or
On Line

Analyseur
FOSS/BENTLEY

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Many Thanks
for your Attention

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