

device/system/procedure as presented by the manufacturer

ARGI[®]

milk meter & data management

Routine inspection



ELCABE sarl

61 avenue de Tréville 64130 Mauléon-Licharre –Basque Country (France)

☎ 00 33 559 28 03 74 – www.argi.eus

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1 General

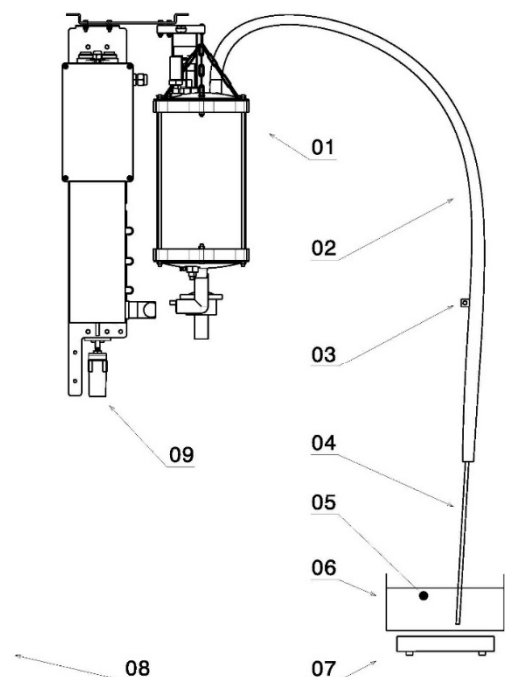
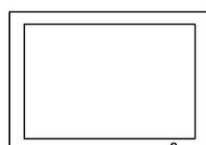
- a- The unit must be inspected as a matter of routine at least once a year.
- b- The unit must also be inspected whenever any work has been performed on the unit that affects the container (rubber tubing, rubber waste line, electrical cables, support chains). See also “Taring Weighing – Instruction Leaflet”.
- c- Make sure the containers and hoses are clean before proceeding with this routine inspection.

2 Reference value

The reference value, expressed in g, is the difference between the value read on the ARGI monitor and the mass of water previously weighed on the electronic scale.

3 Equipment required

- 00- 40-50 kPa negative pressure vacuum pump
- 01- ARGI unit
- 02- Hose ID 14 mm
- 03- ARGI start button
- 04- Stainless steel suction line OD 16 mm
- 05- Test fluid : water
- 06- Receiver (max 10L)
- 07- Electronic scale (max 15kg, resolution 1 g)
- 08- ARGI monitor
- 09- Sampling vial



4

Test procedure

4-1

Mass of produced quantity

- a- Power up the milking machine
- b- Make sure the milk flows from the milk line outside the milk tank
- c- Replace the milking claw with a stainless steel tube OD 16 mm (fig. 04)
- d- Place the bucket (fig. 06) on the electronic scale (fig. 07) then tare it
- e- Fill the bucket with 1000 g of water
- f- Turn on the ARG1 monitor by pressing the red button on the front (fig. 08)
- g- Press the ARG1 programme icon (touch screen)
- h- Press MILKING, then MANAGE MILKING
- i- Press the ARG1 unit N°1 start button (fig. 03) => the dummy ID 99999 is displayed on the screen, in slot N°1
- j- Suck up the water from the bucket
- k- Press the start button for another 2 seconds to stop suction
- l- Check the result on the ARG1 monitor (fig. 08)

4-2

Sample mass

- a- Power up the milking machine
- b- Make sure the milk flows from the milk line outside the milk tank
- c- Replace the milking claw with a stainless steel tube OD 16 mm (fig. 04)
- d- Place the empty sampling vial (fig. 09) on ARG1 unit N°1
- e- Place the bucket (fig. 06) on the electronic scale (fig. 07) then tare it
- f- Fill another bucket with water (0.3–3L for the sheep's milk version, 0.3–6L for the goats' milk version)
- g- Turn on the ARG1 monitor by pressing the red button on the front (fig. 08)
- h- Press the ARG1 programme icon (touch screen)
- i- Press MILKING, then MANAGE MILKING
- j- Press the ARG1 unit N°1 start button (fig. 03) => the dummy ID 99999 is displayed on the screen, in slot N°1
- k- Press the cell to the right of the number 99999 created.
- l- Answer "Yes" to the question " Do you want to take a sample ? " then exit the window

- m- Suck up the water from the bucket**
- m- Press the start button for 2 more seconds to stop suction**
- n- Take the filled vial and empty it into the bucket (fig. 06) on the electronic scale (fig. 07) to read off the sample mass**

5 Analysis

5-1 Quantity measurement results

- a- The system is operating correctly when the difference between the value read off the screen and the previously weighed value is less than or equal to 20 g.**
- b- A second reading may be made if the first one exceeds 20 g.**
- c- The system is operating correctly if the sum of differences is less than or equal to 40 g.**
- d- Repeat for a third time then take a fourth reading if the result is more than 40 g.**
- e- If the results are still unacceptable, contact your installer to check assembly compliance.**

5-2 Sample mass results

- a- If the sample mass measured on the electronic scale ranges from 25 to 35 g, the system complies with specifications.**
- b- If not, contact your installer.**