



LEVEL MILK METER (NEDAP)

Frequency of periodic checking at least once in 12 months.

General

- The testing procedure with water should be carried out with milk meters that are cleaned properly.
- First, flush the jars with water with a temperature of ± 40 C.

Reference value

For all “Nedap Nivo” milk meters a fixed standard is used (9.8 - 10.2 kgs) instead of a “reference value”. More-over, when proceeding to periodic checking, results of former checks are handed over for support.

Required equipment

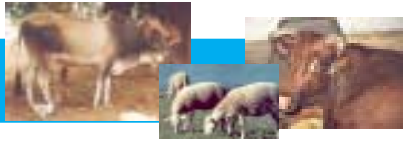
- No specific sucking set.
- For sucking up the water, a milk tube is used. Sometimes, depending on the inflowing milk in the jar, a narrowing (restriction) is placed in the milk tube.
- Electronic weigh-beam/basculé.
- Some buckets of sufficient capacity.
- Thermometer.

Testing liquid

- Water with a temperature of 38.5 C +/- 1.5 C.
- No addition of salt or acids.

The principle of the test

- Suck 9.7 kg of testing liquid.
- Read the display value.
- The display value has to be between 9.8 and 10.2 kg (10.0 kg +/- 0.2 kg).



Quality of the observations/measuring

- If the result of the first measuring lies in the area between 9.9 and 10.1 kg: meter = correct. If the first measuring gives a value of 9.8 or 10.2 kg, a second measuring should be carried out.
- If both measuring give values that lie in the area between 9.8 and 10.2 kg: meter = correct.
- The difference between duplicate measuring should not be bigger than 0.1 kg.

Deviating meters

The deviating meters are subjected to a visual check and where possible simple faults are rectified. After this check, two measuring per meter are carried out. If the values that are found lie between 9.8 kg and 10.2, the meters are accepted. Of course, the duplicate values may not differ more than 0.1 kg.

Replacement or repair of meters

Meters that do not come up to the standard of 9.8 - 10.2 kgs should be corrected or replaced. When meters are replaced or when repairs influence the measuring, the meters are to be tested during the milking, after which the testing procedure with water should be carried out twice.

Reporting the results

The results of the periodic checking of the milk meters, as well as interim changes and the checks that go with these changes will be reported to those concerned, among others to the farmer, to the main supplier and to the national milk recording organization.

Sampling equipment

- Check the sampling equipment for cleanness and parts.
- See to it that the sampling equipment is stored in a dry place, free from dust.
- Avoid direct sunlight.

