

Koster Moisture Tester Dry matter meter w/digital scale

The precise knowledge of dry matter content in the feed is prerequisite for a proper feeding and calculation of the feed efficiency.

Simple and accurate:

- Weigh 100 g. of the product on the included scale
- Dry the material according to the enclosed Quick guide
- Weigh the dried material
- Read the content of the dry matter directly on the scale
- The Koster Moisture Tester can also be used to measure dry matter content of other products, e.g. separated organic fertilizer
- Available with a digital scale



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Koster Moisture Tester
Best Moisture Tester. Period.

Weighing of feed sample

- Place the specimen container on the scale and reset the scale. The digital scale must be connected to a power outlet to keep the resetting. The digital scale can be used with batteries but will then lose the resetting *).
- Weigh 100 gram of the sample material in the specimen container on the digital scale.
- Place the specimen container on the device and let it dry according to the guided.
- Drying time as listed in the timetable below.

On the digital Koster scale, the dry matter percentage is equivalent to the weight of the dried material when 100 grams are weighed from the beginning.

100 gram minus the weight of the dried material = water percentage.

Guided drying time

| Crops | Expected dry matter content | Guided drying hours |
|-----------------|-----------------------------|---------------------|
| Grass ensilage | 20 - 25% | 45 minutter |
| Grass ensilage | 30 - 35% | 30 minutter |
| Grass ensilage | 40 - 50% | 25 minutter |
| Hay/hay esilage | 60 – 80% | 20 minutter |
| Maize ensilage | 25 – 40% | 30 minutter |

**) If the automatic switch-off function is switched on, the scale switches off automatically after a few minutes.*

Therefore, the weight must be reset here first the container is placed on the scale.

Record the weight of the container (approx. 178 g), after which 100 grams of material are filled.

When weighing after drying is deducted from the weight of the container.

The automatic switch-off function is activated/deactivated by

hold down the MODE button in off mode and press the POWER button.

When the feed sample is dried strongly, some of the fermentation products like ethanol, ammoniac and acetate content will probably evaporate, hence the result obtained may be adjusted so that the corrected dry matter percentage actually is 0.5 - 1.5% units higher than the result shown by the Koster Moisture Tester.