

6. Calibration curves

Product name	Filling quantity	Calibration curve	Measuring range
280g wood pellets	280g	Wood pellets	3 % - 20 %
250g special pellets 1	250g	Special pellets	3 % - 20 %
250g special pellets 2	250g	Special pellets	3 % - 20 %
250g special pellets 3	250g	Special pellets	3 % - 20 %
Reference	! Only for testing the moisture meter !		

6.1 Definition of the calibration curves

280g wood pellets

For measuring the moisture content of ø6 mm and ø8 mm wood pellets with a maximum length of 30 mm.

250g special pellets

If you do not want to measure wood pellets (or wood pellets with a lower bulk density), you must determine the water content according to the oven-drying method EN ISO 18134-2 once per material being measured and assign this to a calibration curve (special pellets 1 to 3). To do this, you must fill the device and switch through all three calibration curves. Select the calibration curve with the smallest deviation to the water content according to the oven-drying method.

6.2 How moisture content is defined

The device measures and shows a material's moisture content. The moisture content readings it displays are calculated in relation to the material's overall mass:

$$\%WG = \frac{M_n - M_t}{M_n} \times 100$$

M_n : Mass of the sample with average moisture content

M_t : Mass of the sample with zero moisture content

%WG: Moisture content (in accordance with the corresponding product norms)