

6. Calibration curves

Product name	Filling quantity	Measuring range
400g Peanuts unshelled	400 g	2 % - 11 %
1000g Peanuts shelled	1,000 g	2 % - 10 %
1000g Peanuts roasted	1,000 g	2 % - 10 %
350g Walnuts large unshelled *1)	350 g	2 % - 50 %
550g Walnuts unshelled *2)	550 g	2 % - 50 %
650g Walnuts shelled	650 g	1 % - 8 %
560g Walnuts ground	560 g	1 % - 8 %
1000g Macadamia unshelled	1,000 g	2 % - 10 %
1000g Macadamia shelled	1,000 g	1 % - 8 %
1000g Almonds shelled	1,000 g	1 % - 12 %
600g Hazelnuts unshelled	600 g	3 % - 30 %
900g Hazelnuts shelled	900 g	1 % - 9 %
950g Brazil nuts shelled	950 g	1 % - 6 %
700g Cashew nuts unshelled	700 g	8 % - 28 %
900g Cashew nuts shelled	900 g	2 % - 20 %
450g Spiral noodles	450 g	5 % - 15 %
0000g Empty 1	Free curves for special products	
0000g Empty 2	Free curves for special products	
0000g Empty 3	Free curves for special products	
0000g Empty 4	Free curves for special products	
Reference	! Only for testing the moisture meter !	

*1) You should always select the characteristic curve " 550g Walnuts unshelled" unless the amount of 550g does not fit in the measuring chamber. (The measuring chamber may only be filled to the upper edge - a supernatant is not allowed - it is also not allowed to fill less than 550g.)

*2) In case the 550 g do not fully fit into the measuring chamber, the characteristic curve " 350 g walnuts large unshelled" should be selected.

On request, Schaller Messtechnik GmbH can develop customer-specific characteristic curves for special calibration curves. It is also possible to subsequently enter optionally available characteristic curves into the device.

6.1 Pictures of calibration curves/product types



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)