

# Rapid and simple measurement of grain moisture

## HE *lite*

- high measuring range
- easy menu operation
- proven principle of measurement
- possible adjustment of calibrations
- averaging
- favourable price



**Handy moisture meter,  
accurate and reliable  
during harvesting,  
drying and storing.**

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**PFEUFFER**  
Mess- und Prüfgeräte

# Sturdy moisture meter for agriculture

## HE *lite*



The **HE lite** is suitable for the moisture determination of cereals, oilseeds and humid maize.

### ■ Principle of Measurement

The **HE lite** measures the conductivity as well as the temperature of a ground sample. The exact moisture value is calculated by means of an advanced measurement technique. The integrated measurement cell of the **HE lite** is based upon the Pfeuffer-principle proven for more than 40 years: the sample is ground and at the same time homogenized by means of special grinding discs. This guarantees a high reliability of the **HE lite** for freshly harvested grain.

### ■ Measurement

The sample is poured into the filling measure which is integrated in the top unit of the measuring cell and then filled into the grinding chamber. The top unit is placed on to the instrument and screwed down until the limit stop. If required, additionally a ratchet, available as option, can be used. Then the instrument is switched on, the product is selected and the measurement is activated. After some seconds the measuring result appears on the display.

### ■ Menu Operation

The menu operation of the **HE lite** is very simple. The possible options are indicated in the bottom section of the display and are selected by means of three functional buttons. The operation of the instrument is very simple due to the clear and logical menu structure. The trilinear illuminated display is contrasty and highly readable also during absence of light. All information are indicated in plain text.

### ■ Adjustment of Calibrations

If necessary, the **HE lite** can be calibrated individually by the user. The measured values of each product can be changed by a constant value and a multiplicative factor. This allows an optimal adaptation of the **HE lite** to individual requirements.

### ■ Calculation of Average Readings

The **HE lite** calculates automatically the average reading of several measurements. Simply select the number of measurements and the indicated measurement readings in the menu „settings“ under item „average reading“. The average and the single readings are then clearly indicated in the display after each measurement.

### ■ Measuring ranges

wheat, rye, barley,	
oats, triticale	9 - 35 %
rape	5 - 25 %
maize	8 - 45 %
sunflower seeds	5 - 25 %

### ■ Technical Data

power supply:	3 x 1,5 V batteries
dimensions:	
instrument:	200 x 82 x 85 mm
case:	275 x 230 x 83 mm
weight: approx.	1,4 kg

### ■ Application and Use

The moisture content is decisively significant for the determination of the correct harvesting moment. The **HE lite** has been especially designed for this function.

It is used for the control of the moisture on the field during the threshing process and for checking the moisture absorption inside the combine-harvester.

The **HE lite** is used for the regular moisture measurement during the drying process and during the storage to avoid losses in quality.



We reserve the right to make technical modifications !

### ■ Agent

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