Evaluation unit / Sensors

Housing:	
- Size L x W x H	- pressure case alu housing
- Enclosure	- 230 x 200 x 110 mm
- Color	- IP65 / NEMA 4
	- RAL 5024

Connections	
- Power supply	- 100-240V AC, optional 24V DC
- 2 Analog outputs	- 0/4 - 20 mA
- 1 Analog input	- 0/4—20 mA
- Temperature sensor	- PT 100
- PC interfaces	- RS 232 oder RS 485
- Digital input	- Ext. Select of 16 products
	start / stop
- PROFI-BUS-DP	- optional

User interface	
- Operating	- 6 integrated soft keys in keypad
- Display	- 2 x 24 characters illuminated

Ambient conditions	
- Environment temperature	- -20°C bis +85°C
- Product temperature	- >0°C bis +100°C

Sensors	- 2 - 8 Sensors 24 GHz

Calibration

The HK5 can either calibrated with an one-point calibration or with an external calibration.

An external calibration make sense when you use more than 10 samples. The external calibration is realised with an excel sheet.
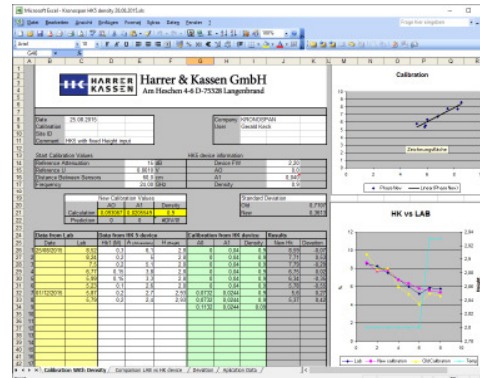
Harrer & Kassen GmbH

Am Heschen 4 - 6

D - 75328 Langenbrand

Tel.: +49 (0)7084/9248-0

Fax: +49 (0)7084/9248-29

www.harrerkassen.com

info@harrerkassen.com

H K 5
MICROWAVEN TECHNOLOGY

IN-LINE
WATER CONTENT– AND
MOISTURE MEASUREMENT

Unique Microwave Technology!

For water content and moisture measurement!

Prinzip:

The HK5 is particularly designed for the measurement of water or moisture in very thin layers.

Since many years, many good results are archived in the measurement of paper, cardboard and chip boards.

The sensors can be installed either directly on the paper machine or on the conveyor belt.

Depending on the measured area there are up to 4 pairs of sensors used.

It is able for moisture measurement in thin layers from 1mm to 24mm.

OUR KNOW HOW! YOUR SUCCESS!

☞ Real-time measurement over the whole production!

☞ Reliable trend measurement to realising a production control loops!

☞ Production with constant and documantable quality!

☞ Saving through prevention of wastage an rejects!

THE FACTS!

☞ Unique Microwave technology!

☞ Vibrations do not affect the measured result!

☞ No moving components!

☞ Maintanance free!

☞ Easy to use software!