

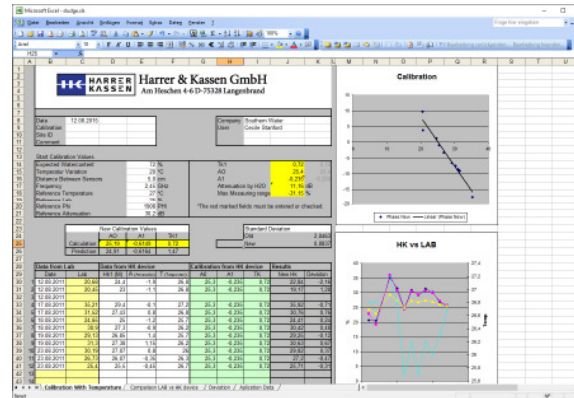
Evaluation unit / Antennas

| | |
|--|--|
| Housing: - Size L x W x H - Enclosure - Color | - Pressure case aluminum housing - 180 x 180 x 100 mm - IP65 / NEMA 4 - RAL 5024 |
| Connections: - Power supply - Analog output - Relays contact - PC interface - Temperature sensor - PROFI-BUS-DP | - 100-240V AC, optional 24V DC - 0/4-20 mA, optional 2nd output - max. 5A / 230V - RS 232 or RS 485 - NTC / optional PT100 - optional |
| User interface: - Operating - Display | - 6 integrated soft keys in keypad - 2 x 24 characters illuminated |
| - Antennas | - Pin antennas / with cleaning - Spiral antennas |
| Ambient conditions: - Environment temperature - Product temperature | - -20 °C - +85 °C - >0 °C - +130 °C (on request +140 °C) |

Calibration

The HK2 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 realized with an excel sheet.



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HK 2

IN-LINE CONCENTRATION - AND MOISTURE MEASUREMENT



OUR KNOW HOW! YOUR SUCCESS!

Unique Microwave - Technology!


Principle:


The microwave measuring instrument HK2 is particularly designed for the sugar,- sewage plant- and building material industry.

The HK2 is a modular unit. Evaluation unit and antennas / sensors are separated. This makes the installation very flexible.


Trough the modular construction, vibrations in the pipe or in the tank do not influence the measurement.



 Real-time measurement over the whole production!

 Reliable trend measurement to realizing a production control loops!


 Production with constant and documentable quality!

 Saving through prevention of wastage an rejects!



THE FACTS!

 Unique Microwave technology!

 Vibrations do not affect the measured result!

 No moving components!

 Maintenance free!

 Easy to use software!

