Evaluation unit

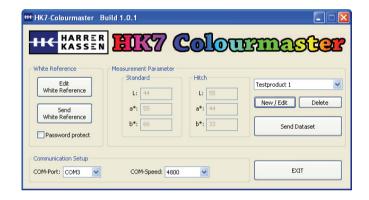
Housing:	- Alu pressure cast housing
- Size HxWxD	- 280 x 230 x 110 mm
- Enclosure	- IP65 / NEMA 4
- Colour	- RAL 5024
Connections:	
- Power supply	- 100-240V AC
- 4 analog outputs	- 0/4 - 20 mA
- PC interface	- RS 232 oder RS 485
- Connection Sensor -	
Evaluation unit	- fibre optic
- PROFI - BUS - DP	- optional
User interface:	
- Operating	- 6 Softkeys integrated in keypad
- Monitoring	- 2x24 characters in illuminated
	display
Ambient condition:	
- Environment temperature	20°C-+40°C

Sensor

Housing:	- Alu pressure case housing
- Size HxWxD	- 120 x 120 x 90 mm
	- 220 x 120 x 90 mm
	- 280 x 230 x 110 mm
- Enclosure	- IP65 / NEMA 4
- Colour	- RAL 5024
- <u>Sensor</u>	- LED's
Ambient conditons:	
- Environment temperature	20°C - +40°C
- Product temperature	- >0°C-+70°C

Calibration/ Software

For the calibration you can use our userfriendly software SPECTER and Colourmaster which is easy to use.





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HK7 SPECTROMETER

CONTINUOUS IN-LINE







Principle:

Continuous, controlled LED illumination and identification of the product colour in the colour space after CIELab or ICUMSA- standard.

The evaluation results is in the visible light sector from 390nm - 720nm.

The distance between sensor system and product has to be kept constant.

The four measurement results L*, a*, b* and dE are available at four separate 0/4 - 20 mA channels.

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 NIR - LED technology!

Ten years lifetime NIR - LED's!

Maintenance free!

Easy to use software!

