

## Product information

### Ug-Meter



#### Application

HELANTEC offers a pocket measuring-system for the determination of the Ug-value of built-in insulation glass for commercial purposes.

Of course the system cannot replace the so far only for this purpose applied procedure of laboratory analytics. Accuracy requirements such as found under laboratory conditions exclude themselves simply by environmental influences at the built-in units.

By means of temperature measurement and calculation software the Ug-value can be calculated. The accuracy of the measuring-system is  $\pm 0,1$  K. The accuracy of the calculated Ug-value is 15% - provided that the measurement is carefully executed together with convenient environmental conditions.

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### **Advantages of this system**

- Determination of the Ug-value of built-in insulation glass
- Expenditure of time for the execution is fairly small
- Reliable values of the result of the measurement
- Low purchasing price

### **Scope of delivery**

- 1 Pocket measuring system
- 1 sensor to measure air-temperature
- 1 sensor to measure surface-temperature
- 1 suitcase

- 1 **App** for mobile devices which run Android system (software only, no hardware is included)

### **Attributes of this system**

Principle	temperature measurement	
Connection to sensor	connector with thermo-contact length of cable approx. 0,8 m	
Display	LCD-Display	
Accuracy of the system	+ / - 0,1 K	
Accuracy of the calculated result	+ / - 15% from the real Ug-value depending on the environmental conditions	
Power supply	battery, 9-Volt	
Dimension	pocket measuring system	ca. 80 x 55 x 150 mm
	sensor for air-temperature	ca. 22 x 20 x 240 mm (with handle)
	sensor for surface-temperature	ca. 53 x 53 x 170 mm (with handle)