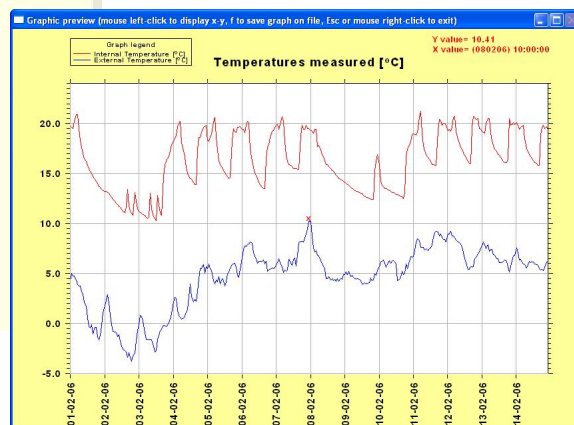
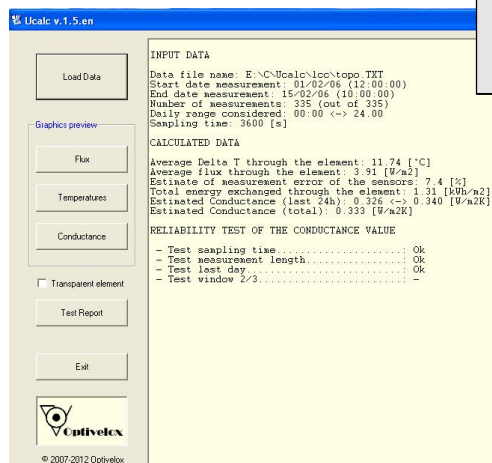


ThermoZig



Measurement system for in-situ thermal transmittance

ThermoZig is a professional equipment designed for the in-situ measurement of thermal transmittance (U-value) through the use of a wireless sensors network. Thanks to this network, ThermoZig can operate with a large number of measurement nodes making the system scalable and adaptable to meet customer needs in the field.

The wireless communication greatly simplifies the positioning of the probes on the elements under test avoiding the hassle of the measurement cables laying. In addition, the flexibility of the system allows to link many measurement nodes and simultaneously detect the transmittances of more elements of the same building, saving a lot of time to perform the tests.

The system is extremely simple to put into operation and collect the data (just one button to press) and then, using Ucalc software, you can easily obtain a complete technical report with graphs and numerical values in accordance with ISO 9869.

Key Features:

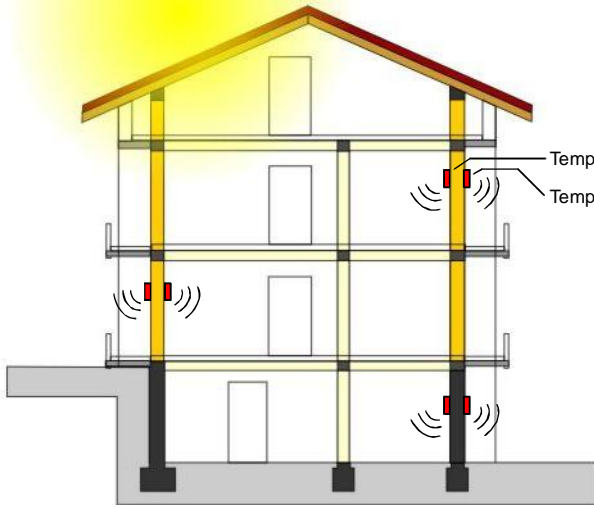
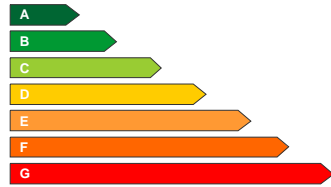
- **Multichannel wireless connection (up to more than 100 sensors) and simultaneous measurements on multiple building elements**
- **Wide range of measurement nodes with high-performance sensors**
- **Easy-to-use analysis software also suitable for performing measurements on transparent elements**
- **Automatic creation of pdf documents (test reports)**
- **Remote data logging via GSM**

OVERVIEW

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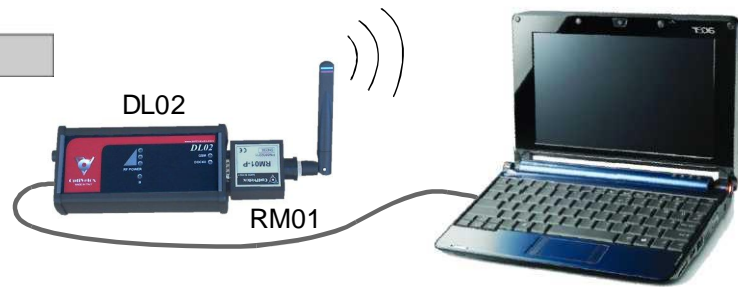
ThermoZig



Temperature + Heat Flux wireless node (FE02-3C + RM01)

Temperature wireless node (FE02-2A + RM01)

Thermozig: a powerful system for in-situ measurement of U-values of building elements



Ordering codes:

Code	Name	Description
8802606	TZ	Thermozig
8802607	TZP	Thermozig with -P Radio Modems
8802608	TZL	Thermozig Light

Code	Name	Description
9001305	DL02	Datalogger
8802712	FE02-2A	Front End with 2 channels (CH1: temperature, CH2: temperature)
8802707	FE02-3C	Front End with 3 channels (CH1: heat flux, CH2: temperature, CH3: temperature)
8802201	RM01	Radio Modem RM01 with rechargeable battery and antenna
3200288	-	Node Box
3200311	-	Clips for mounting sensors
8800006	-	AC power supply
5001300	-	Thermozig User's Manual
5200002	-	Software Dataget + Ucalc
3200282	-	Carrying case



The detailed characteristics of each device are shown in the respective data sheets.



Under a policy of continuous improvement, OptiVeloX reserves the right to make unannounced changes to the specifications of the products described in this document.

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