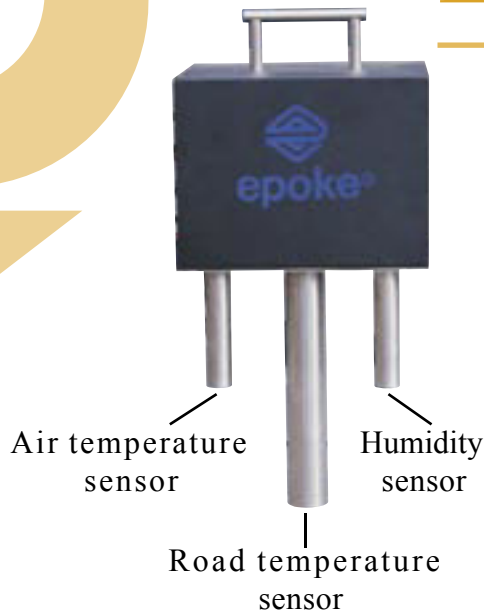
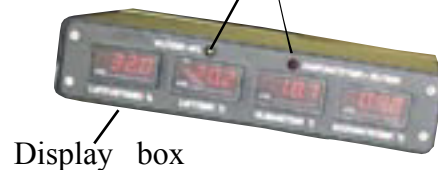


EPOTEMP



Visual slippery roads indicator



EpoTemp

EpoTemp is a mobile weather station for installation on vehicles e.g 'Scouting vehicles' etc. EpoTemp consists of a road temperature sensor, an air temperature sensor, a humidity sensor as well as a CPU unit and an in cab display box, which provides the driver with current and updated information about the road surface conditions.

EpoTemp features a warning system, which visually informs the driver of icy roads conditions based on the calculation of Dew points and temperature

etc. EpoTemp is able to quickly & accurately measure the temperature, which means it can be operated at relatively high driving speeds.

If EpoTemp is used in conjunction with data logging systems e.g Winterman light it enables the recording of the data so that you can build up a database of temperatures to for a 'thermal map' of the road system and will enable you to see the 'thermal profiles' to help you plan your gritting routes



– de-icing of roads!

Technical data

Humidity transmitter

Manufacturer:
VAISALA

Type:
HMP 247

Accuracy:
Better than $\pm 2\%$ RH

Road temperature sensor

Manufacturer:
Brdr. Jørgensen
Instruments

Type:
Pt100

Accuracy:

Touchfree I/R sensor

Manufacturer:
HEITRONICS

Type:
KTX

Accuracy:
Better than $\pm 1^\circ\text{C}$

Data collection with EpoLink

By means of a serial connection it is possible to connect EpoTemp to EpoLink, the data collection system from Epoke® A/S, which uses a cellular phone for data transmission to the home office. EpoLink adds information about time and GPS-position, thus permitting data analysis in Vinterman Light, EpoVision or other similar data collection software.



Electronics

The electronic department at Epoke® A/S is fully furnished with state-of-the-art equipment for the manufacture of hardware and software. The electronic department meets all standards within this field, including electrostatic discharge control (ESD). In-house software development enables Epoke® A/S to meet even the most advanced customer requests.



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In order to maintain the high & uniform product standard Epoke A/S has been certified by Lloyds register to ISO 9001:2000, TLG B-3 approval, GS approval, E1 approval, ROHS directive & WEEE directive



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