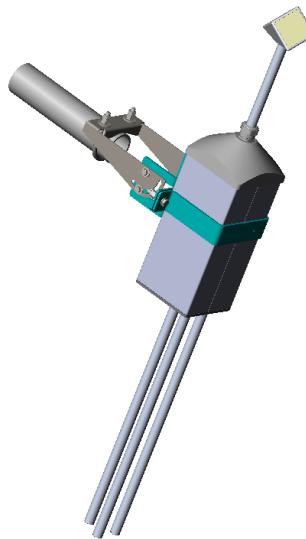


IDS-30

Icing measurement system



During the winter season in higher latitude regions a lot of our infrastructure is affected by icing. Power generation by wind turbines may be impaired under icy condition, leading to reduced power output and longer maintenance times. Reliable ice detection systems help reduce associated costs and down times.

The IDS-30c can measure ice layers from 0.2 mm to 2 mm. By measuring the complex impedance in the vicinity of the sensor, the IDS-30c is able to distinguish between water and ice and capable to record ice accretion rates.

The IDS-30r can measure ice layers from 1 mm to 40 mm. By measuring the complex impedance in the vicinity of the sensor, the IDS-30r is able to distinguish between water and ice and capable to record the total ice load.

The IDS-30cr provides a sensor-combination that can measure ice layers from 0.2 mm to 40 mm. By measuring the complex impedance in the vicinity of the sensor, the IDS-30cr is able to distinguish between water and ice and capable to record ice accretion rates and total ice load.

Versions

Art	Version
21373	IDS-30c for ice layers 0.2 to 2 mm (Cube 5 sensor)
21374	IDS-30r for ice layers 1 to 40 mm (Rod-80 sensor)
21372	IDS-30cr for ice layers 0.2 to 40 mm (Cube 5 and Rod-80 sensors)

Scope of delivery

Qty	Name
1	IDS-30 in the required version
1	Mounting kit
1	Sensor cable
1	Manual and Commander Software on USB stick