

Onboard Dry Surface Salinity Sensor System

Système embarqué de mesure de la salinité des chaussées, utilisable sur surfaces sèches et mouillées



Measuring salinity on dry road surfaces!

A newly developed system capable of measuring salinity even if the road surface is dry



ECU
(with a newly added water sprinkling control function)



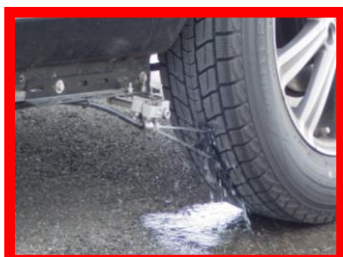
Water tank

Water sprinkler switch

Water supply hose

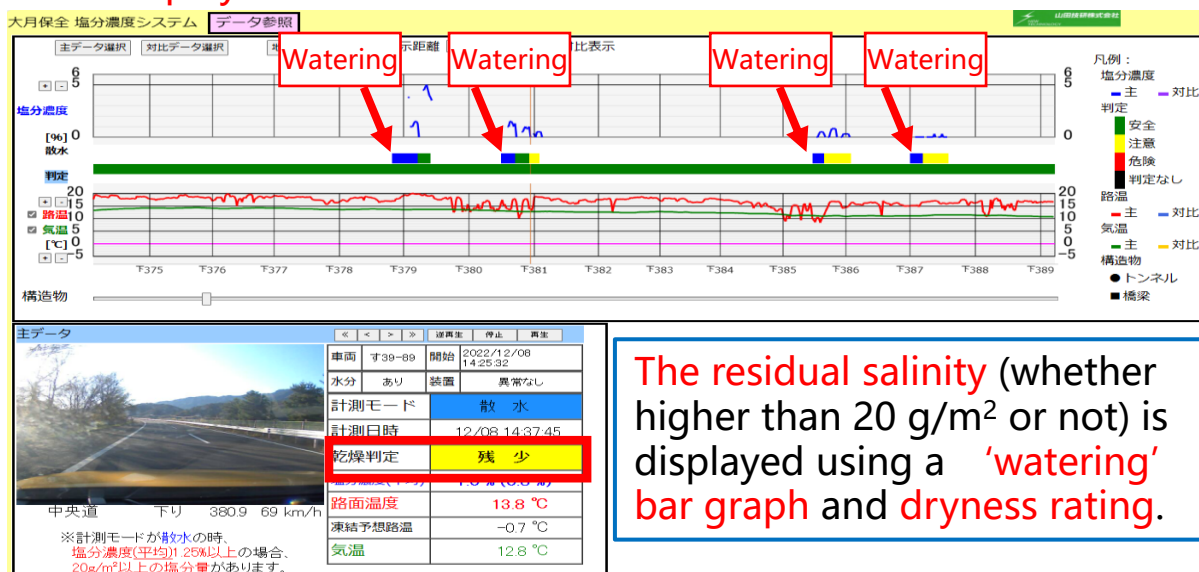
Salinity sensor

Rear nozzle Front nozzle



- A water sprinkler unit is installed to a standard onboard salinity sensor system.
- The salinity sensor is the same as the standard sensor.
- The ECU is equipped with a water sprinkler control system.
- Pressing the water sprinkler switch discharges water for 30 seconds.

Data display



The residual salinity (whether higher than 20 g/m² or not) is displayed using a 'watering' bar graph and dryness rating.

