



Lufft WST2 Surface Temperature Sensor

Product #: 8160.WST2
USD Price: Contact Hach

The PT100 based surface temperature sensor measures pavement surface temperatures highly precisely, both on asphalt and concrete.

Invasive precise point measurement of the pavement temperature

Maintenance, calibration and replaceability

Sensor consists of two parts: replaceable sensor head with electronics and fixed mounted socket.

Power consumption

Low energy consumption allows solar operation.

Invasive technology allows

Permanent usage on runways where non-invasive sensors cannot be used.

Specifications

*Parameters Measured:	Road/Runway Surface Temperature
Accuracy:	Road surface temperature: ± 0.2 °F at 32 °F
Cable Connection:	Open wires
Cable Length:	164 ft (50 m)
Communication:	Analog
Cooling Sensor:	No
Dimensions:	Ø 2.3622 in, H 1.575 in (Ø 60 mm, H 40 mm)
Height above Absolute Altitude:	9843 ft (3000 m)
IP Rating:	IP68
Material Enclosures:	Salt , UV resistant modified PTFE
Measurement distance:	in-situ
Measurement technology:	Temperature / PT100
Measuring Range:	Road surface temperature: -40 - +158 °F
Number of Depth Sensors:	0
Number of Depth Temperature Sensors:	0
Number of Related Temperature Sensors:	0
Operating Temperature Range:	-40 - +158 °F
Product highlights:	Surface temperature sensor for runway and highway-temperatures
Standard storage temperature:	-40 - +158 °F

Weight:

Approx. 0.3 lb (150 g)