

Moisture Probe

with single electrodes



- economical single electrodes
- optimised analysis and charging electronic
- ON/OFF switch to avoid accumulator damage
- power supply incl. connection cable USB
- extreme solid housing
- compact holder
- good grip



This electronic moisture probe is perfectly suited for the detection of wet spots under car floor covers and in car body holes.

By 4 red alarm LED lights and an acoustic signal a wet spot will be indicated.

An integrated short-circuit cut-out avoids false alarm through contact with conductive objects within the car body.

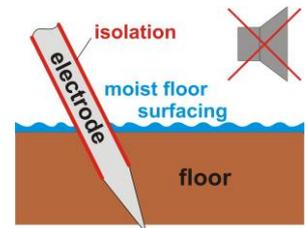
The commercial advantage are the **low-priced individual changeable electrodes**.

The built-in lithium ion accumulator is dimensioned for a continuous operation of 100 hours (50% alarm)

To avoid deep discharge of the accumulator, the moisture probe can be switched off for longer storage and transport.

A charging control LED shows the condition of the accumulator.

Dimensions: Ø42 mm, length without electrodes 185 mm
 Weight: approx. 1060g (380g without holder, charger and electrodes)
 Material: aluminium and plastic (POM)
 Colour: blue anodised, black



Functional principle of isolated electrodes

Item no.:	description
9900020.1	Moisture probe with short-circuit cut-out, 4 LED display and sound, rechargeable battery, power supply incl. connection cable USB, holder and 20 electrodes of your choice (Please quote which electrodes you need ! Except item no. 9900071.)
9900100	Power supply incl. connection cable (1.8m) USB
9900067	Electrode 32 mm usable length (pin Ø2,0 mm)
9900066	Electrode 36 mm usable length (pin Ø2,0 mm)
9900068	Electrode 40 mm usable length (pin Ø2,0 mm)
9900069	Electrode 55 mm usable length (pin Ø2,5 mm)
9900057	Electrode 80 mm usable length (pin Ø2,5 mm)
9900070	Electrode 100 mm usable length (pin Ø2,5 mm)
9900071	Electrode 100mm usable length (pin Ø2,5 mm) with isolated (powder-coated) shaft for avoidance of false alarm by moist floor surfacing

minimum order quantity for electrodes: 10 units / other electrode length on request

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Operation

Switching on

In case the moisture probe has been switched off for transportation or longer storage, it can be switched on by connecting the plugged power cable. After this, the device is ready for use. A functional test can be done by bridging the electrodes with wet fingers. If the charging control LED glows red, the device has to be charged.

Charging

To charge the moisture probe, connect the charging cable to the charging socket and plug the USB-charger to a power socket. The charging indicator LED glows yellow (3 colour LED) while charging. Charging time: max. 10 hours (complete charge process). If the battery is fully charged, the electronic switches off automatically and the indicator LED glows green.

Switching off

For a longer storage or transportation, the moisture probe has to be switched off to avoid a deep discharge of the accumulator (devices are delivered switched-off). Before storage, fully charge the device, because the accumulator can be damaged by discharging itself (minimum charging cycle, once a year.)

The entry of the switch-off button is closed with a hexagon socket headless screw. Use the provided allen key to unscrew it. To reach the switch-off button, use the allen key, put it through the opened hole and push the inside button for at least one second. The moisture probe is switched off now, turn the screw back into its hole.

Attention ! Screw in the hexagon headless screw only as deep as necessary !

If you screw it in too deep the switch and the electronic circuit can be damaged !

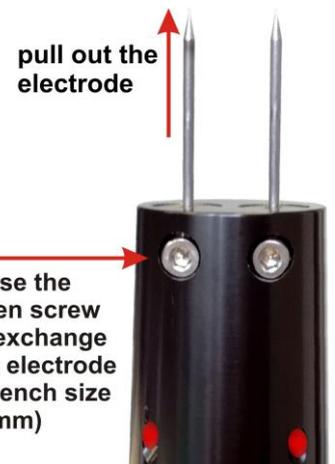
Electrode changing

The electrodes are individually changeable by loose the corresponding allen screws (wrench size 3 mm) and pull out the worn electrode. Put in a new one, tighten up the screw, ready!

The provided moisture probe holder can be fixed at a chosen place by a hole in the bottom.

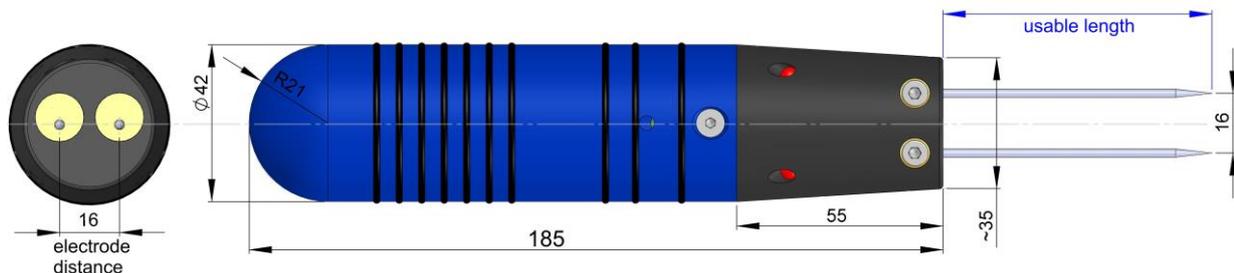


Safety note: for intended use only!!



For the use with 2 pin-electrodes see our model no. 9900015.1.

Measures in mm



Attention !

This device contains lithium (Li-Ion) rechargeable batteries !
It is not allowed to dispose these batteries in household waste !
Lithium batteries are harmful to the environment and can explode when exposed to fire.
Defective or worn out batteries must be recycled according to the valid guidelines or returned to manufacturer.