

Moisture Probe

with 2-pin electrodes



- high accumulator capacity of 2300mAh
- 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 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 you the condition of the accumulator.



2-pin electrode in plastic holder with connection plug

Dimensions: Ø42mm, length without electrodes 180 mm
Weight: approx. 940g (350g without holder and recharger)
Material: aluminium and plastic (POM)
Colour: blue anodised, black

Artikel-Nr.:	Bezeichnung
9900015.1	Moisture probe with 2-pin electrodes, short-circuit cut-out, 4 LED indicators and sound signal, rechargeable battery, power supply incl. connection cable USB, holder and one 32mm 2-pin electrode (item no. 9900064)
9900100	Power supply incl. connection cable (1.8m) USB
9900050	2-pin electrode 25 mm (Ø2,5 mm)
9900064	2-pin electrode 32mm (Ø2,0 mm)
9900048	2-pin electrode 40mm (Ø2,0 mm)
9900051	2-pin electrode 55 mm (Ø2,5 mm)
9900052	2-pin electrode 80 mm (Ø2,5 mm)
9900061	Surface electrode – extremely flat version, flexible (length: ~300 mm)
9900060	Screw connection for electrodes (hex nut)
9900028	Protective cap (screw-on)

minimum order quantity for 2-pin electrodes: 5 units / other electrode length on request

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Test probes for car body holes

Surface electrode – extremely flat version



Sensor with flat, flexible probe (l=300 mm, w=10 mm, d=1.5 mm) for moisture tests under car floor coverings.
Support material: glass fibre-reinforced epoxy resin / conductor paths: copper, nickel plated
Active measuring area: 50x10 mm on both sides

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 2-pin electrodes and all the other probes are equipped with plug connection, so they can be changed without any problem after wear out. Therefore, loose the electrode screwing (hexagon nut) and change the electrodes. For fixing the electrodes, screw on the electrodes again.

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 economic single electrodes see our model no. 9900020.1



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.

