Moisture Probe
with 2-pin electrodes

- high accumulator capacity of 2300mAh
- optimised analysis and charging electronic
  - ON/OFF switch to avoid accumulator damage
- international usable recharger
- 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.

International usable recharger (EU, US, UK)

A charging control LED shows you the condition of the accumulator.

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

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>9900015</td>
<td>Moisture probe with 2-pin electrodes, short-circuit cut-out, 4 LED indicators and sound signal, rechargeable battery, incl. international charger (EU, US, UK), holder and one 32mm 2-pin electrode (item no. 9900064)</td>
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<tr>
<td>9900034</td>
<td>Spare charger with changeable plug for EU, US and UK; 100 ... 240 VAC</td>
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<tr>
<td>9900064</td>
<td>2-pin electrode 32mm (Ø2.0mm) in plastic holder with connection plug</td>
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<tr>
<td>9900048</td>
<td>2-pin electrode 40mm (Ø2.0mm) in plastic holder with connection plug</td>
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<td>9900051</td>
<td>2-pin electrode 55mm (Ø2.5mm) in plastic holder with connection plug</td>
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<tr>
<td>9900052</td>
<td>2-pin electrode 80mm (Ø2.5mm) in plastic holder with connection plug</td>
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<tr>
<td>9900099</td>
<td>Surface ring electrode (length: ~400mm)</td>
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<tr>
<td>9900055</td>
<td>Surface electrode – conical version, flexible (length: ~420mm)</td>
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<tr>
<td>9900061</td>
<td>Surface electrode – extremely flat version, flexible (length: ~300mm)</td>
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<tr>
<td>9900060</td>
<td>Screw connection for electrodes (hex nut)</td>
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<tr>
<td>9900028</td>
<td>Protective cap (screw-on)</td>
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</tbody>
</table>

minimum order quantity for 2-pin electrodes: 10 units
Test probes for car body holes

Surface ring electrode

Surface probe with ring electrode and limited flexible shaft for moisture tests in car body holes.
Diameter 10 mm
Length total: approx. 400 mm

Surface electrode – conical version

Surface probe with conical electrode mounted on flexible shaft for moisture tests in car body holes.
Electrode head diameter: front 10 mm, back 16 mm
Length total: approx. 420 mm

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

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 full load the devices because the accumulator can be damaged by discharging itself (minimum charge once a year. The device doesn’t need to be switched on for charging).

The entry of the switch is closed with a hexagon socket headless screw.
Unscrew it. Use a little slot screwdriver (3mm blade) to operate the miniature-rotary switch carefully (approx. 45° left or right). The switch has 3 positions (see picture).
In the mid-position (2) the device is switched off.
For additional information watch the video clip on our homepage.
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 !
Suitable screw drivers are part of the delivery for new devices.

To activate the electronic, after switching on, a charging has to take effect.
For this, connect the moisture probe by the charging socket with the international usable charger.

The charging control LED glows yellow (3 colour LED) while charging.
Charging time: max. 10 hours (complete charge process).
The electronic switch-off automatic when the accumulator is fully charged and the control LED glows green.

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.
If desired the holder can be mounted somewhere by a hole in the bottom.

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

Safety note: for intended use only!!

For the use with economic single electrodes see our model no. 9900020

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 the manufacturer.