

Moisture Probe

with single electrodes

OPTRON



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

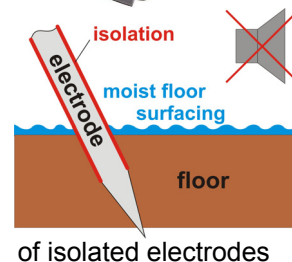
The built-in lithium ion accumulator is dimensioned for a continuous operation of 100 hours (50% alarm)

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

International usable recharger (EU, US, UK).

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



of isolated electrodes

Item no.:	description
9900020	Moisture probe with short-circuit cut-out, 4 LED display and sound, rechargeable battery, incl. international charger, holder and 20 electrodes of your choice (Please quote which electrodes you need ! Except item no. 9900071.)
9900034.1	Spare charger with changeable plug for EU, US and UK; 100 ... 240 VAC
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

Operation

For a longer storage or transport, 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 to 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 mount somewhere by a hole in the bottom.

The electrodes are individual changeable by loose the corresponding Allen screws (wrench size 3 mm) and pull out the worn electrode.

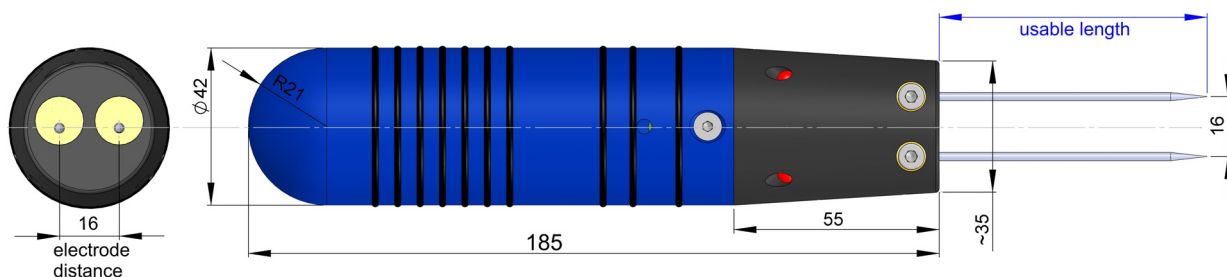
Put in a new one, tighten up the screw, ready!



Safety note: for intended use only!!

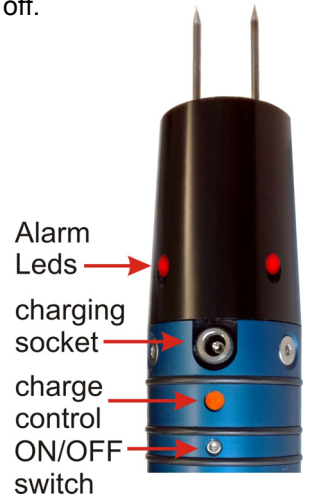
For the use with 2 pin-electrodes see our model no. 9900015.

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.



pull out the electrode

loose the Allen screw to exchange the electrode (wrench size 3mm)

