

Cat.No.1732-01

Moisture Checker



Model

SK-940A TYPE 1

Easily check moisture like using electric tester

Features

Easy. just put the sensor on the object

- Quick. complete measuring just by pressing the switch
- Accurate. Other than standard range, there are 5 user's ranges available (*Note 1).
Average value can also be displayed.

(*Note 1) user's range is a function which user can define the displayed value of min-max. Increasing or decreasing the displayed value from actual measuring range. You can freely set from low moisture to high moisture.

Specifications

Measuring method	electric resistance method
Display	3-1/2 digit LCD
Measuring range	9.0% to 40.0% (factory settings)
Measuring temperature	5°C to 40°C (non condensing)
Sensor type	TYPE 1 (length: 3mm x Ø2mm, rounded tip) *please refer to the item section for the other types of sensor.

Power requirement	9V 6F22(006P) manganese battery x 1
Functions	Display average value, automatic temperature correction, user's range
Dimensions	Body (W)62x(H)148x(D)24mm
Weight (Body)	approx. 145g (include battery)

Moisture meter and a sensor is integrated. a sensor is not changeable.

Notes on measuring the object

- This moisture meter can't measure materials in a powdery state.
- Depending on the pressure which you put the sensor on the object, measured values may vary. Therefore keep apply the same pressure, when you put the sensor on the object.
- Temperature correction is done in the main body.

If the temperature is within the measuring range, conversion of measured temperature is not necessary. However if the temperature of measured object is quite differ from the one of moisture meter, SK-940A, there will be error in the measurement. Therefore before the measurement of moisture, please keep temperature of measured object and SK-940A as close as possible.


Note

SK-940A is designed to measure the electrical resistance between two electrodes and display as relative moisture value. Displayed moisture content is not the absolute value. This moisture meter only display moisture content by using relative electrical resistance value. If the measured object contain electrically-conductive material (such as salts, metal, etc), measured value would differ from actual moisture content. However even If electrically-conductive material is contained in the measured object, if the amount of electrically-conductive material in the measured object is small (small enough so that it doesn't affect much to moisture value) and evenly distributed, it is possible for this moisture meter to measure the moisture value which is used for such as comparative analysis.



*Depending on the situation there are 5 kinds of various shape of sensors are available.(Main body has the same specifications)

*For more detail please refer to the accessories and options below

Model Number	Specifications	
SK-940A TYPE1	sensor length:3m m diameter:2mm rounded edge	 general purpose type

SK-940A TYPE2	sensor length:3m m diameter:2 mm pointed edge	 <p>measuring moisture inside thin object (dried potato, dried fish, etc)</p>
SK-940A TYPE3	sensor length:12m m diameter:2 mm pointed edge	 <p>measuring moisture inside thick object (such as tatami)</p>
SK-940A TYPE4	sensor length:25m m diameter:2 mm rounded edge	 <p>measuring moisture inside soft substance (such as soil)</p>
SK-940A TYPE5	clip type	 <p>measuring moisture of substance of variable thickness (such as noodle)</p>