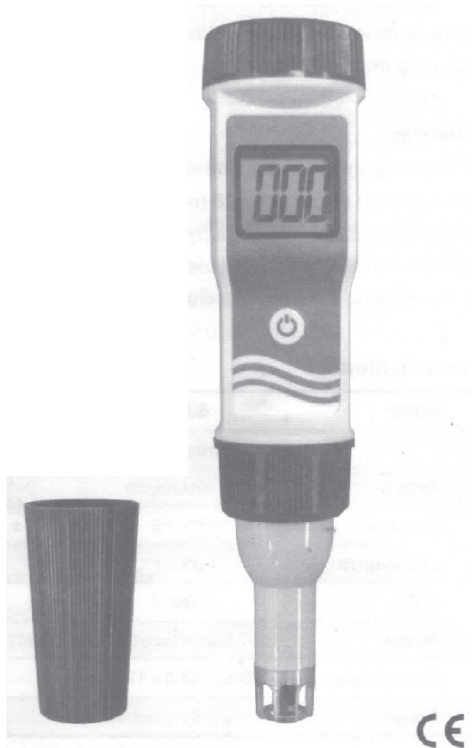


**KUSAM-MECO®**

**WATERPROOF TESTER  
MODEL - KM 6022  
KM 6032**



**KUSAM-MECO®**

**Introduction:**

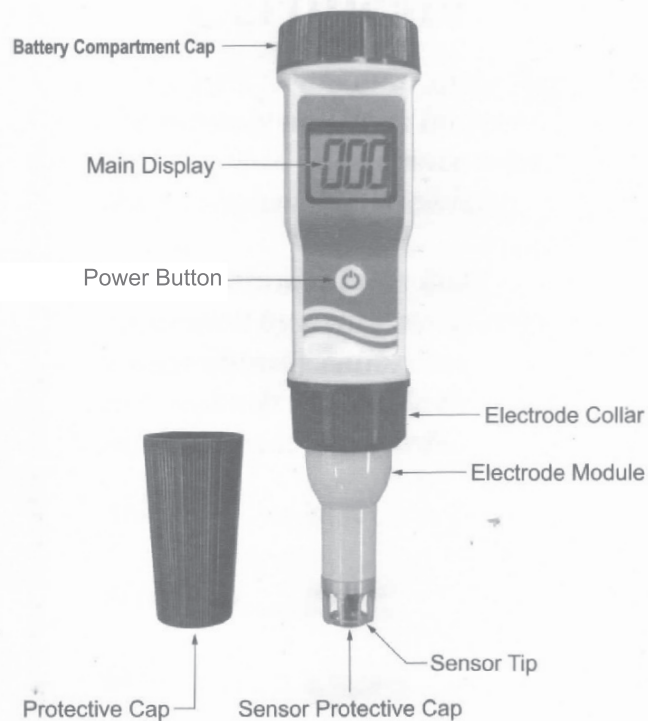
Thank you for selection waterproof Conductivity or TDS tester. It is possible to measure a wide range of Conductivity or TDS with a replaceable electrode. We recommend that you read and follow the manual carefully.

**Features:**

- ✗ Fast response, reliable and accurate measurements.
- ✗ Large LCD display 21 x 18 mm for reading convenient.
- ✗ Impact resistant ABS case by waterproof designed IP 57 rated.
- ✗ 1 point manual calibration via screw trim pot.
- ✗ The electrode module are changeable for replacement by user.

**Specifications:**


Model	6022	6032
	<b>Conductivity</b>	<b>TDS</b>
<b>Range</b>	0~1999 $\mu$ S/cm	0~1999 ppm
<b>Accuracy</b>	$\pm$ 1% FS	$\pm$ 1% FS
<b>Resolution</b>	1 $\mu$ S/cm	1 ppm
<b>ATC</b>	Yes	Yes
<b>Power</b>	3V x 2 Lithium battery CR2032	
<b>Dimensions</b>	Meter: 33.5 x 170 mm	
<b>Weight</b>	Meter: 85 g (w/battery)	

**Device Description:****Operating procedure:****Accessories**

Upon receiving the shipment, inspect the container and equipment for any signs of damage. Remove the packing list and verify that you have received all equipments:

**Meter, Standard solution 1413  $\mu\text{S}/\text{cm}$ (6022) or 940 ppm(6032), Battery(has been installed), Instruction manual, Gift box.**

**Preparation**

1. Remove the protection cap from meter to rinse the electrode with clean water and wipe it dry.
2. Open battery compartment to take out the screwdriver.
3. Press  button to turn the meter power on.

**Calibration****< Conductivity > 6022**

1. Dip the electrode into the standard solution. Stir gently and wait until the display stabilized. Adjust the reading to 1413 at 25 °C by turning the trimmer(Span) located at left side of battery compartment with a screwdriver.
2. Calibration is ending after step 1.

**< TDS > 6032**

1. Dip the electrode into the standard solution. Stir gently and wait until the display stabilized. Adjust the reading to 940 at 25 °C by turning the trimmer(Span) located at left side of battery compartment with a screwdriver.
2. Calibration is ending after step 1.

**Measurement****< Conductivity > 6022**

1. After calibration, rinse the electrode with clean water and wipe it dry. Dip the electrode into sample solution to be measured. Stir gently and wait until a stable reading can be obtained.
2. After measurement, rinse the electrode with clean water and replace the protective cap.

**< TDS > 6032**

1. After calibration, rinse the electrode with clean water and wipe it dry. Dip the electrode into sample solution to be measured. Stir gently and wait until a stable reading can be obtained.
2. After measurement, rinse the electrode with clean water and replace the protective cap.

**Note**

1. It is no need to calibrate before each usage. But it should be performed every two weeks or after 10 times of usage.
2. Don't touch or wipe the surface of inner black sensor of conductivity cell.
3. Change a new battery when the display fades or flashes.

**Maintenance:****Battery replacement**

1. Loosen the battery compartment counterclockwise.
2. Replace the fresh Lithium battery CR2032, and note polarity.
3. Replace the battery compartment cap tightly

**Electrode replacement**

1. Unscrew the electrode collar clockwise, and remove it completely.
2. Pull the electrode module out from the tester.
3. Plug an new electrode module into the tester socket carefully.
4. Replace and tighten the electrode collar to make a good seal.

**Applications:**

Agriculture • Anti-freeze recycling • Aquarium • Boiler • Chemical industry • Cooling tower • Drinking water • Fish farming • Food industry • Garden husbandry • Hydroponic • Laboratory usage • Plating industry • Swimming pool & Spa • Water treatment



MUMBAI

**TEST CERTIFICATE**  
**WATERPROOF TESTER**

This Test Certificate warrants that the product has been inspected and tested in accordance with the published specifications.

The instrument has been calibrated by using equipment which has already been calibrated to standards traceable to national standards.

MODEL NO. \_\_\_\_\_

SERIAL NO. \_\_\_\_\_

DATE: \_\_\_\_\_

ISO 9001  
REGISTERED



**WARRANTY**

Each "KUSAM-MECO" product is warranted to be free from defects in material and workmanship under normal use & service. The warranty period is one year (12 months) and begins from the date of despatch of goods. In case any defect occurs in functioning of the instrument, under proper use, within the warranty period, the same will be rectified by us free of charges, provided the to and fro freight charges are borne by you.

This warranty extends only to the original buyer or end-user customer of a "KUSAM-MECO" authorized dealer.

This warranty does not apply for damaged Ic's, fuses, burnt PCB's, disposable batteries, carrying case, test leads, or to any product which in "KUSAM-MECO's" opinion, has been misused, altered, neglected, contaminated or damaged by accident or abnormal conditions of operation or handling.

"KUSAM-MECO" authorized dealer shall extend this warranty on new and unused products to end-user customers only but have no authority to extend a greater or different warranty on behalf of "KUSAM-MECO".

"KUSAM-MECO's" warranty obligation is limited, at option, free of charge repair, or replacement of a defective product which is returned to a "KUSAM-MECO" authorized service center within the warranty period.

THIS WARRANTY IS BUYER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. "KUSAM-MECO" SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING LOSS OF DATA, ARISING FROM ANY CAUSE WHATSOEVER.

All transactions are subject to Mumbai Jurisdiction.