

DO Tip (7544) Instruction Manual

Thank you for purchasing the HORIBA DO electrode. Read this manual carefully before using the electrode.
 *"DO" is an abbreviation of Dissolved Oxygen.

Conformable standards

This equipment conforms to the following standards:



RoHS: EN IEC 63000
 9. Monitoring and control instruments including industrial monitoring and control instruments



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Authorised representative in EU and UK

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Cautions during handling



WARNING



Chemical solution

Highly concentrated potassium hydroxide (KOH) is used in the internal solution of the electrode.
 If the internal solution in the electrode comes in contact with your hands or skin, wash immediately with water. If the internal solution comes in contact with your eyes, flush immediately with large amounts of water and seek treatment by a physician. Follow the instructions on the associated Safety Data Sheet (SDS).

- An extremely thin membrane is stretched across the DO tip and DO responsive part. Do not allow the membrane to be in contact with any hard surface and do not exert undue force on the diaphragm.
- When attaching the DO tip to the electrode body, check to make sure that O-ring is attached. Attach the DO tip securely to the electrode body.
- DO tips that are no longer usable should be disposed of as industrial waste.

Packaged contents

Name	Q'ty
DO tip (7544)	1 pc
Instruction manual	1 copy
Packing box	1 pc

Specifications

Model	7544
Measurement principles	Membrane galvanic cell
Measurement range	0 mg/L to 20.00 mg/L
Usable temp. range	0°C to 50°C
Materials	PPS*, Sn, Ag
Ext. diam. of wetted part	15.6 mm

*: Wetted material

Storage

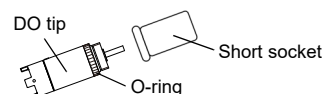
- The electrode should remain to be connected to the meter during storage.
- To store the electrode without the meter, follow the below procedure.
 - Remove the electrode form the connector on the meter.
 - Clean the electrode well with tap water, then dry it with a soft cloth.
 - Remove the DO tip from the holder.
 - Put the short socket on the DO tip.
 - Store the DO tip in a closed container in a cool, dark location with an oxygen scavenger.

Note

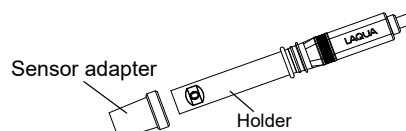
- Avoid storing the electrode in hot place or places with high humidity. Store the electrode indoors and out of direct sunlight.
- The color of the internal solution may change depending on storage conditions but does not affect performances of the product.

Installation procedure

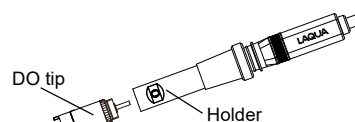
- Remove the DO tip (7544) form the package.
- Remove the short socket from the DO tip.



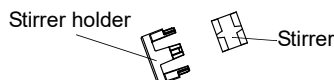
- Attach the sensor adapter to the holder when measuring in BOD bottle.



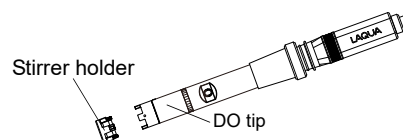
- Attached the DO tip to the holder.



- Put the stirrer into the stirrer holder.



- Attach the stirrer holder to DO tip.



Note

- Do not dispose of the short socket that was removed. It is necessary when storing the electrode.
- When attaching the DO tip, make sure that the O-ring is attached to the DO tip, and screw the DO tip on firmly, until it stops.

Disposal method

When disposing of the electrode, follow the related laws and/or regulations of your country/region.