

Flow Meter

TC-Mi-FL Instruction Manual

Thank you very much for purchasing OPTEX Flow Meter TC-Mi-FL. All of this instruction manual must be read before operation of the Flow Meter TC-Mi-FL for safe and proper operation.

This instruction manual should be kept for future reference such as maintenance.

For safe use

Be sure to read this instruction manual in order to use the Turbidity Checker TC-Mi properly.

- Please thoroughly read the “For safe use” before using the TC-Mi-FL properly.
- Because these precautions are related to failure or malfunction, observe the precautions for use without fail.

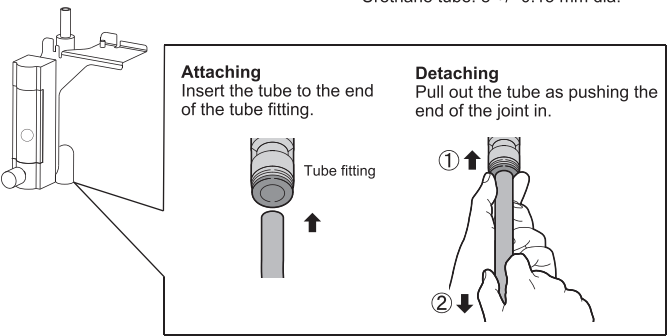
Use the Flow Meter TC-Mi-FL only for Turbidity Checker TC-Mi.

In order to use the TC-Mi-FL properly, observe the following precautions.

Do not use. •Do not use Flow Meter in the unlikely event that there occur any abnormalities such as water leakage. Otherwise it may cause fire or an electric shock.	•Do not disassemble or modify the product.
•Do not wipe the product with solvent. It may cause failure. •To clean the product, first wipe away lightly with a clean soft cloth damped by diluted mild detergent solution and then wipe off moisture with a dry clean soft cloth.	max. 0.1MPa •Be sure to the pressure of water inlet under 0.1MPa.
•Do not apply strong impact or excessive force to the TC-Mi-FL.	

4 Connect the tube to Water Inlet of TC-Mi-FL.

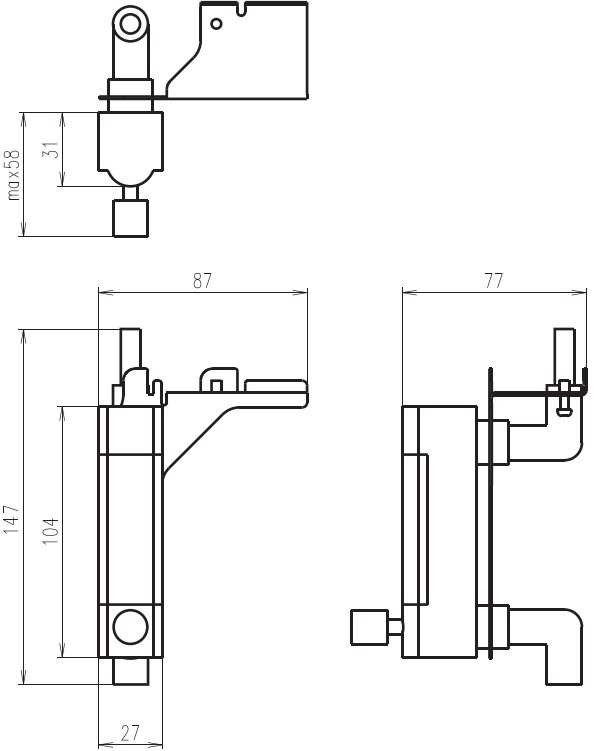
Applicable tube diameter for water inlet:
Nylon tube: 8 +/- 0.1 mm dia.
Urethane tube: 8 +/- 0.15 mm dia.



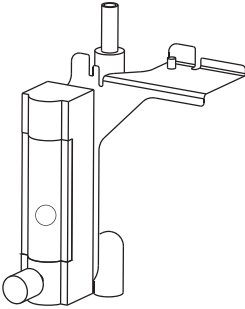
Caution

- Do not apply strong impact or excessive force to the joint. Otherwise, it may damage the joint, as well as may cause crush, rupture, or disconnection of the tube.
- Water temperature must be between 0 and 40 degrees C.
- The unit must be isolated not to damage other machines or equipment in case of water leakage.
- Use insert rings if necessary. To determine whether to insert rings or not, check the specification of the tube. Selection of insert rings unmatched to the specification of the tube may cause tube coming-off and water leakage.
- Follow the precautions below when attaching the tube.
 - The cutting section must be right angle.
 - Outer circumference must have no damage.
 - The tube must not be shaped like an ellipse.
- The tube must be fully inserted to the end.
- Ensure that the tube is securely inserted and cannot come off after attached.

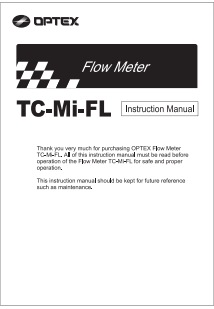
Dimensions



The Contents of Packaging



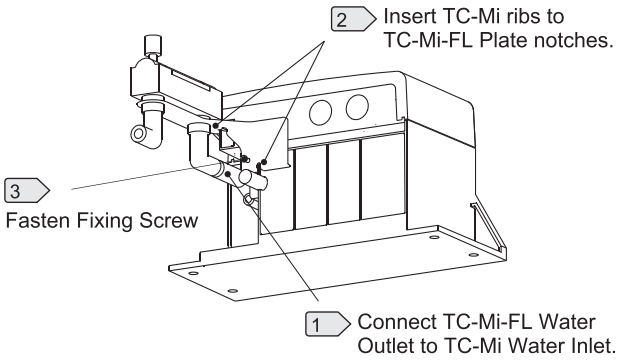
Flow Meter



Instruction Manual

In the unlikely event that there are any missing components or defects, please contact your dealer.

Mounting



Caution

- Be sure to the Flow Meter is fixed securely.

Operations

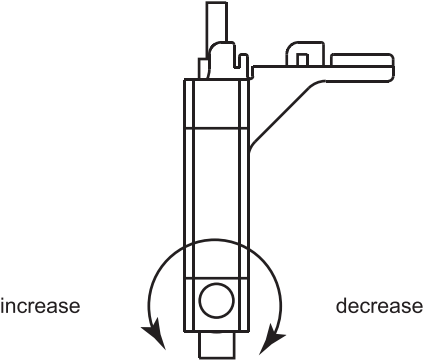
- Reading the flow rate
Read flow rate by float ball center high.



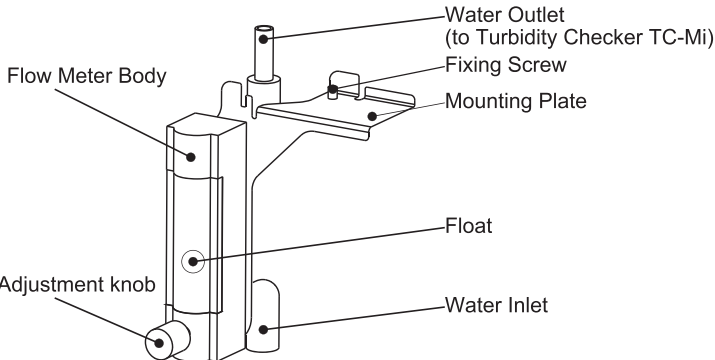
Caution

- Read flow rate horizontally.

- Adjusting the flow rate
Turn the Adjustment knob to adjust flow rate.



Names of Parts



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