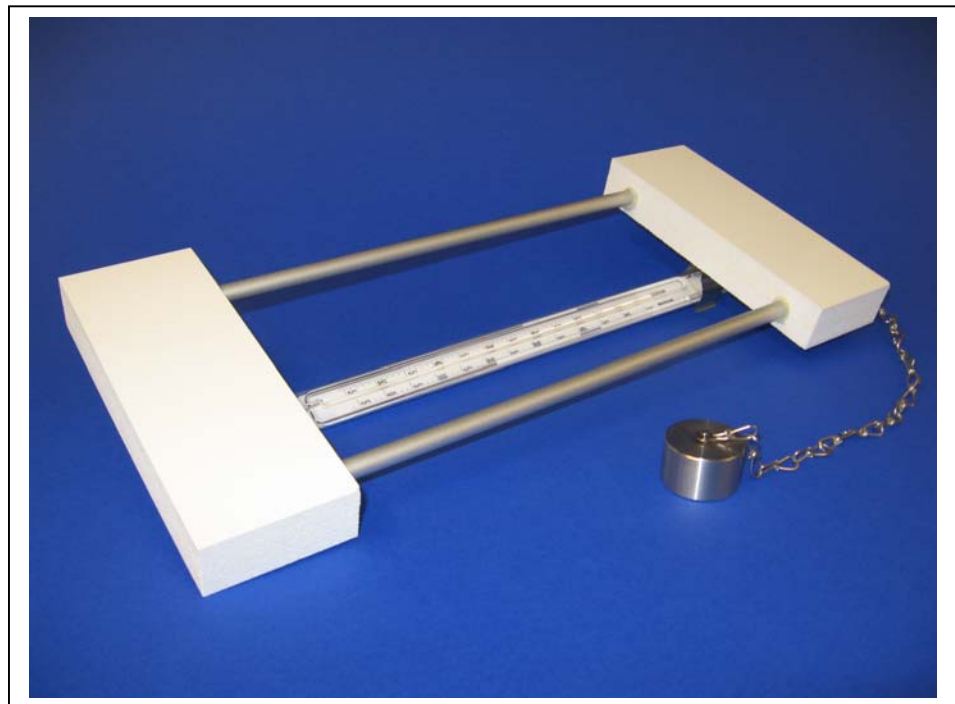


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***Max.- Min.- Floating Thermometer***

**6.1428.13.060**



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## **Contents**

1	Model, Technical Data .....	2
2	Application .....	2
3	Handling.....	2
4	Installation.....	2
5	Maintenance .....	3

## **1 Model, Technical Data**

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Order-No.	Measuring range	Graduation	Accuracy	Measurement fluid	Dimension	Weight
6.1428.13.060	- 5 ...+ 55 °C	0,5 °C	± 0,5 K	Mercury	340x150x50 mm	0,36 kg

Included in delivery:

- 1 x max.- min.- thermometer
- 1 x float with holding clip and anchor
- 1 x magnet

## **2 Application**

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The min.- max thermometer is used to measure the highest and lowest temperature of the water surface in a evaporation pan „Class A”.

Two floats keep the thermometer just below the water surface.

## **3 Handling**

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First pull with the magnet and replace the blue signals in the tube down to the mercury column in either tube arm. When temperature raises or falls, the signals will be pushed upwards and will rest in the capillary in a free position, so that even at some later time you may easily read from the basis of the signals the maximum and minimum temperatures of the last period.

## **4 Installation**

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1. Remove instrument parts from package and unpack them.
2. Lock the thermometer into the holding clips of the float.
3. Turn the thermometer axially for reading the scale from top in operating state.
4. With the of the magnetic holder draw the blue marks down to the mercury column.

5. Put the complete system into the evaporation pan filled with water.
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*Remark:*

*In operating state, the thermometer must be situated below the float.*

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6. Place the anchor in appropriate position on the bottom of the evaporation pan.

## **5 Maintenance**

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In case of air bubbles in the capillary you have to put the thermometer vertically, for example, on a radiator; the mercury column now presses the air bubble upwards so that it can escape. This is possible also with high outside temperatures with direct effect of sunshine.

If the mercury column is separated during the transport it is normally enough to rejoin it by using centrifugal forces (like you do with a clinical thermometer).

If one or both marks are not visible the thermometer must be shaken powerfully downwards.



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