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# THERMAL TRANSFER KIT 073



**CENTRE FOR MICROCOMPUTER APPLICATIONS**

<https://cma-science.nl>

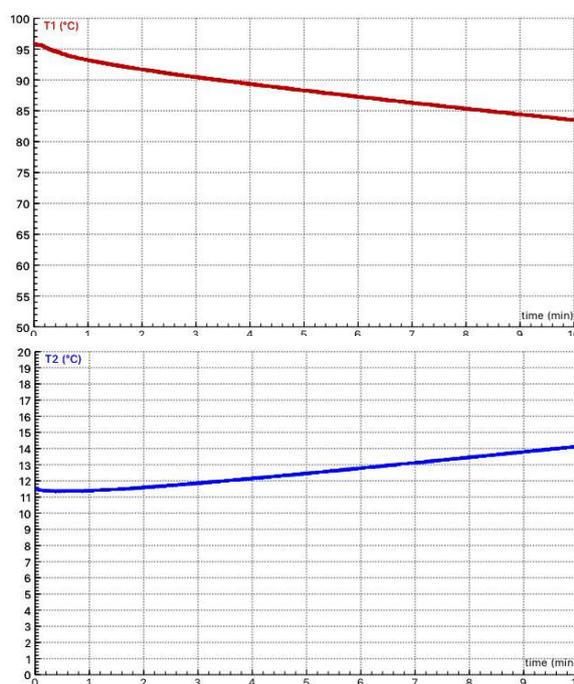
## Short description

The CMA Thermal Transfer Kit allows demonstrating the process of thermal energy transfer. The kit consists of:

- Two calorimeters with holes for temperature sensors or thermometers (not provided in the kit), and
- U-shape isolated aluminium connector.

When two calorimeters are filled, one with cold and one with hot water, and connected via the isolated connector, temperature in both can be monitored by using temperature sensors or thermometers.

The graph below shows an example of measured results. A calorimeter filled with hot water is connected via the U-shape aluminium connector with a calorimeter filled with cold water. The temperature in each calorimeter is measured with temperature sensors as shown on the photo.



Check the Teaching Resources provided on the CMA website to find the ready-to-go activity for this kit.

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**Warranty:** The Thermal Transfer Kit 073 is warranted to be free from defects in materials and workmanship for a period of 24 months from the date of purchase provided that it has been used under normal laboratory conditions. This warranty does not apply if the product has been damaged by accident or misuse.

**Note:** This product is to be used for educational purposes only. It is not appropriate for industrial, medical, research, or commercial applications.

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