SUNdidactics
SolarEnergyDidactics
SolarEducation
SolarEngineering
innovative Solarsysteme für Schule und Ausbildung
innovative solar- systems for school, college, technical education

- Solardidaktik
- Solarzellen
- Solarmodule
- Photovoltaik- Experimentiergeräte
- Photovoltaik- Gerätentwicklung
- Experimentieranleitungen didaktische Konzepte
- Solarberatung
- Solar- Workshops
- Solar- Fortbildung für Lehrkräfte
- solare Aus- und Weiterbildung
- Solarspielzeuge

- solardidactics
- solar cells
- solar modules
- photovoltaic -experiment - devices
- solar- experiment- manuals
- solar- workshops
- solar consulting
- solar education
- solar training for teachers
- solar toys

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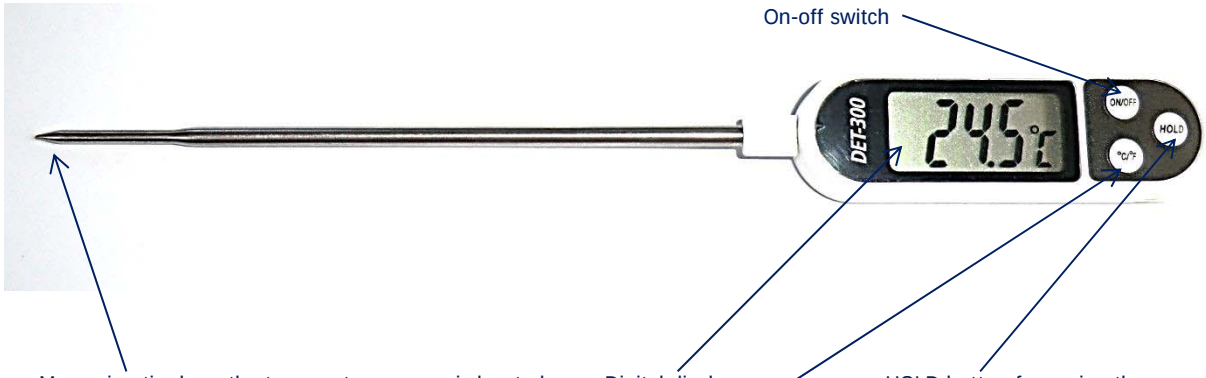
Probe thermometer for solar heat experiments

With this electronic thermometer temperatures from -50°C up to +300°C can easily be measured. It is especially suited for measurements on the NILS-ISFH solar thermal collectors, the device is also usable for other temperature measurements, e.g. on solar cells.



To take a measurement the device is switched on, then directed to the temperature measurement point with the tip, or inserted into the measurement points on the collector respectively. To note the measurement value in a table at the workspace, the HOLD button is pressed, so that the temperature doesn't decrease by the removal from the measurement point.

For testing you can hold the measuring tip tightly between two fingers (approx. 35°C) or hold it into a glass of warm or cold water, students can also measure the temperature inside a refrigerator or freezer.

Please turn it off after each measurement, so that the battery (button cell type AG13) lasts long.

With the switch °C/°F measurement values can be displayed in °Celsius or in °Fahrenheit.

The probe thermometer in operation on a solar thermal collector ES, currently it shows 95.4°C. The measuring tip fits inside the inserting pipe of the collector and is slid under the absorber.