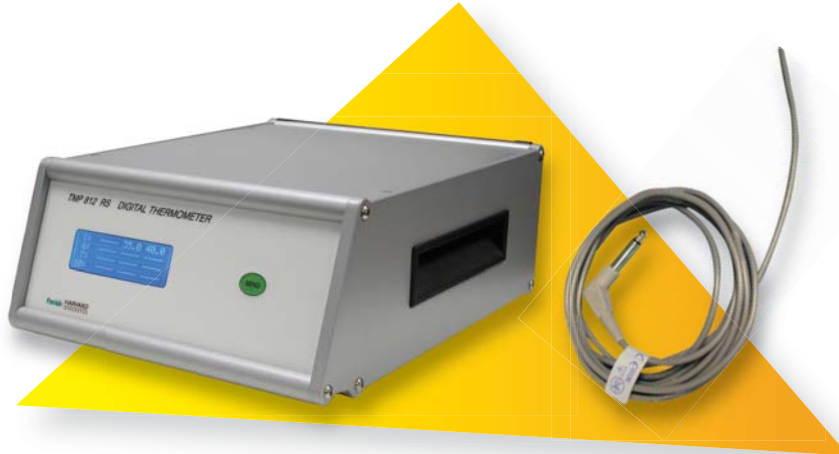


Digital thermometer

for evaluating body temperature in laboratory animals



PRODUCT OVERVIEW

Panlab proposes two multi-channel digital thermometer model suitable for the measurement of animal body temperature using rectal probes.

Both systems are designed for working with up to 12 resistive-temperature probes simultaneously. Temperature is measured by using Yellow Springs (YSI) thermistor and the registered current value shown in the digital display of the front panel with a resolution of 0.1 degrees (sensitivity range: 32-45°C). There is no difference between channels or temperature probes, freely interchangeable. Standard YSI temperature probes should be plugged in the jack connectors of the rear panel, while the temperature value is read from the front panel display.

TMP812 model allows the reading of the current temperature of one channel at once. The selection is done by switching the desired channel in the 12-positions front panel rotary commutator.

TMP812RS model offers a 20x4 LCD display for showing the current temperature of all the probes at the same time. A built-in RS 232/USB communication port, allows sending (by pressing a front panel "SEND" button) the temperature values from all the probes to an external device (matrix printer with serial port or PC computer). Additionally, the Windows-based program SeDaCom allows the automatic transfer of the current data to the PC at user-selected time intervals programmed directly from the SeDacom application.

Key Features

- Precalibrated and interchangeable probes
- Data transfer to PC or printer

APPLICATIONS

Rectal body temperature studies, drug screening, phenotyping

ORDERING INFORMATION

TMP812	76-0064	12 Switched Channels Digital thermometer. Probes should be ordered separately.
TMP812RS	76-0065	12 Channels Digital Thermometer. Includes SeDaCom Software. Probes should be ordered separately.
YS401	76-0066	Temperature probe for rabbits (4.2 mm)
YS402	76-0067	Temperature probe for rats & mice (3 mm)
YS451	76-0068	Temperature probe for mice (1.3 mm)
YS409	76-0069	Surface temperature probe (disc dia. 9.5 mm)

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