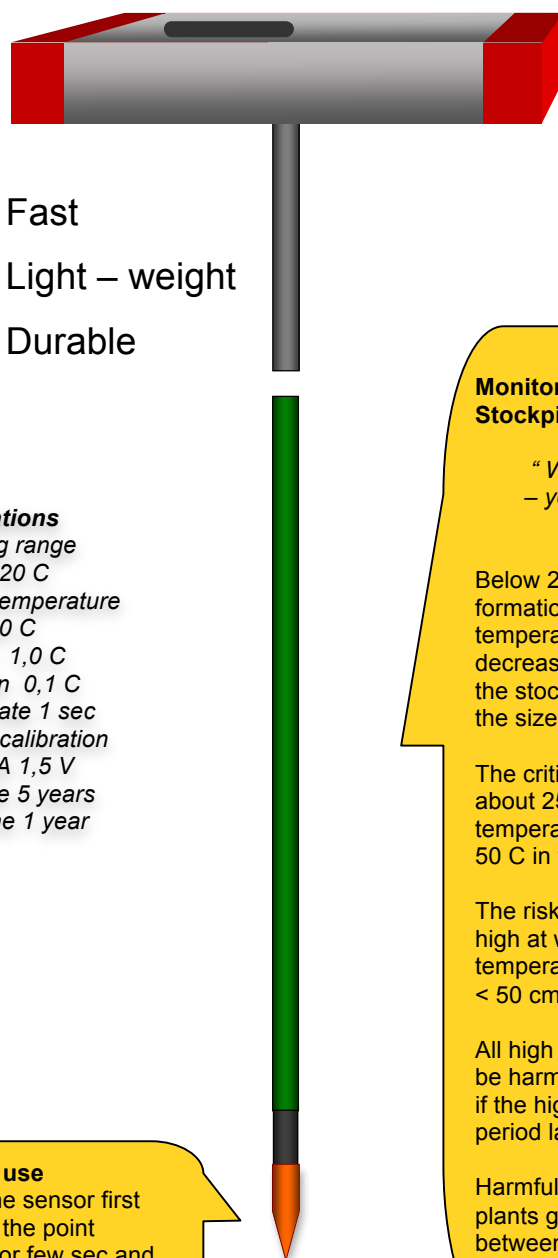


# TEMP<sub>PI</sub><sup>o</sup> - digital thermometer for stock pile

TEMPPI is made for hard, routine measurement of temperature in peat and compost stockpiles. Sensor is fast and thermally insulated from the steel. TEMPPI is durable and lightweight, no moving parts. The sensor pipe and handle are stainless steel.



Fast  
Light – weight  
Durable

## Specifications

Measuring range  
- 50 ...+ 120 C  
Working temperature  
- 10 ...+ 50 C  
Accuracy 1,0 C  
Resolution 0,1 C  
Sensing rate 1 sec  
Constant calibration  
Battery AA 1,5 V  
Battery life 5 years  
Quarantine 1 year

## Tip for use

Push the sensor first  
near to the point  
- wait for few sec and  
push the rest

## Models, cm

TEMPPI-140 \*  
TEMPPI- 200 (6'7")  
TEMPPI- 250 (8'2")  
TEMPPI- 300 (9'10")

\*) Teflon coated sensor pipe

Tempi- 200, -250 and -300  
are delivered in two-piece

## Monitoring Peat Stockpiles

*" When you know  
– you can control "*

Below 20 C the heat formation is slow, so the temperature can even decrease if the shape of the stockpile is proper and the size is small.

The critical temperature is about 25 C: above the temperature can rise up to 50 C in two weeks.

The risk of self ignition is high at windy weather if the temperature in top layer < 50 cm reaches 70 C.

All high temperatures can be harmful for plant growth if the high temperature period last many months.

Harmful temperature for plants growth varies a lot between peatlands and peat types.

## References TEMPPI- since 1985

Satoturve, Finnpeat  
Vapo  
Kekkilä  
Turveruukki  
Biolan  
Garden Peat  
VamBio  
Tref  
Jiffy  
Hasselfors  
SunGro Horticulture  
Miramichi  
Fortum  
Acadian Peat  
SIA Galenieki  
SIA Sapata  
Europeat  
...  
Research stations  
Waste processing