



**DIPSA**

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# TEMPERATURE ACQUISITION SYSTEM POKET

# PKT 1



Rail temperature acquisition  
system:

"POKET PKT 1"



Azienda con sistema di gestione  
per la qualità certificato  
UNI EN ISO 9001:2000  
Cert. N. 0011866



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# PKT 1

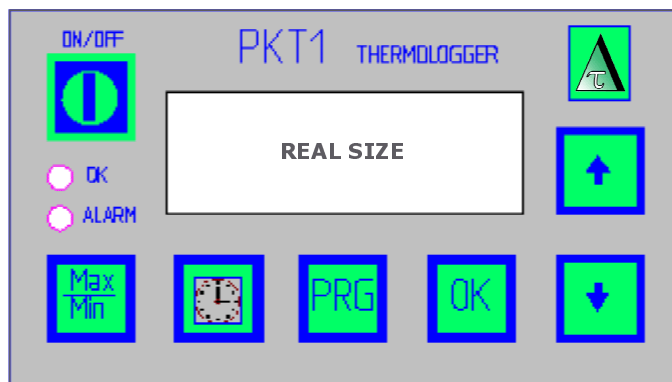
### Basic functioning

The PKT 1 pocket portable temperature acquisition system lets you take and save the temperature of the material on which it is applied with its magnetic supports, at regular intervals. The date and time of the reading are also saved for future analysis of the samples. Furthermore, the minimum and maximum temperature values can be reset at any time.

It is powered by a disposable lithium battery which must be replaced when the alarm signal (BL) appears on the display. Work parameters such as the date and time, reading interval, and the minimum and maximum alarm temperatures can be set.

A red LED indicates the active alarm state.

An LCD with 12 characters on 2 lines and 7 dedicated keys makes the visualisation of the data and parameters fast and complete. A socket for downloading data to a PC is available as an optional.



## TECHNICAL SPECIFICATIONS

<i>Power supply of the probe:</i>	lithium battery 3,6 V
<i>Buffer battery range:</i>	160 days
<i>Functional range:</i>	-20 ÷ +70°C
<i>Overall reading precision:</i>	± 1°C
<i>Reading sensitivity:</i>	± 0.1°C
<i>Degree of protection:</i>	IP 65
<i>Magnetic pull:</i>	2x6.5 Kg
<i>Overall external dimensions:</i>	90x55x50 mm
<i>Weight:</i>	230 g.

### Summary of display functions

Display	KEY 1	KEY 2
Date	<input type="text"/>	
Maximum Temperature	<b>Max/Min</b>	
Minimum Temperature	<b>Max/Min</b>	<b>Max/Min</b>
Storage temperatures	<input type="text"/> <input type="text"/> <input type="text"/>	
Battery voltage (3.6V)	<b>OK</b> + <input type="text"/> <input type="text"/> <input type="text"/>	
Switch off	<b>ON/OFF</b>	
Switch on	<b>Any keys</b>	

### Summary of programming functions

Programming/Modify	KEY 1	KEY 2	KEY 3	KEY 4	KEY 5
Reading Period	<b>PRG</b>	<input type="text"/> <input type="text"/> <input type="text"/>	<b>OK</b>		
Min/Max Alarm Temperature	<b>PRG</b>	<b>Max/Min</b>	<input type="text"/> <input type="text"/> <input type="text"/>	<b>PRG</b>	<b>OK</b>
Reset Minimum Temperature	<b>Max/Min</b>	<b>Max/Min</b>	<b>PRG</b> x 5sec		
Reset Maximum Temperature	<b>Max/Min</b>	<b>PRG</b> x 5sec			
Time and Date	<b>PRG</b>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	<b>PRG</b>	<b>OK</b>
Delete Memory	<input type="text"/> <input type="text"/> <input type="text"/>	<b>PRG</b> x 5sec	<b>OK</b>		