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WIRELESS

Digital Pyrometer with Memory
For Various Industries
Tempstick 629



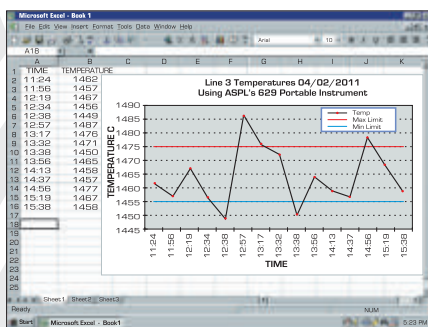
STURDY, ACCURATE, EASY TO USE, PORTABLE & DEPENDABLE

The Tempstick 629 has evolved totally to suit a harsh and hostile industrial environment. It has proved to be the most dependable molten metal temperature measuring instrument when used with our BMD, Thermotips or Minitips for furnace, ladles and tundish in Foundries and Steel Plants.

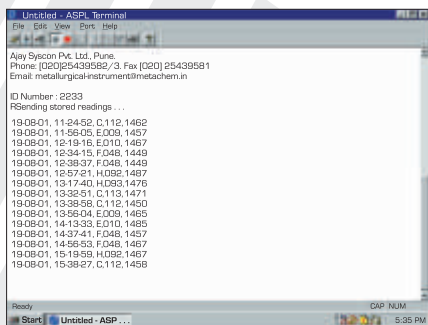
FEATURES

- Wireless connectivity for remote display unit.
- Can be connected to PC to get printout of Temperature with Date, Time, Dip Station (Furnace)
- Memory facility to see temperature readings with furnace code number
- 1000 readings can be stored in memory
- Easy to use, light weight, portable and rugged unit that survives the toughest conditions
- Plateau Detection Software
- Accuracy of $\pm 1^\circ\text{C}$ due to its microprocessor based technology
- Overall system accuracy of $\pm 3^\circ\text{C}$
- Rechargeable Ni/cd battery and automatic low battery indication
- Bright 0.6" digital display
- Automatic power shut-off
- Buzzer that indicates end of the measuring cycle
- No mechanical switches
- Can be used with both lance and probe attachments in 629 K
- Choice of peak hold or tracking mode in 629 K
- Available with S/R/B or K thermocouples

For molten:	For Surface, Gas
Steel	Fertilizer
Cast Iron	Sugar
Copper	Chemicals
Brass	Cement
Bronze	Paper
Aluminium alloys	Heat Treatment
Gold	
Silver	



Typical application of the Tempstick 629 using Microsoft Excel as a spreadsheet.



Temperature Memory Interface Screen as viewed on a PC.

WIRELESS

Large Display Unit for Tempstick 629



Wireless Large Display Unit with Microcontroller based Technology
4 digit 4 inch ultra bright seven segment blocks for
Temperature indication. 8 digit, 2.3 inch ultra bright
dot matrix for Date, Time and Run number.

SPECIFICATION

- 4 digit, 4 inch display for Temperature
- 8 digit, 2.3 inch Dot Matrix Display for Date, Time, Run number
- Operating Temperature: 0° C to 50° C
- Weight 12.5 Kg.
- Dimensions: 720 x 113 x 340 mm (L x W x H)
- Cabinet: Dust proof
- Radio Range: 50 meters

TECHNICAL DATA: 629

Measuring range

540°C - 1750°C S/R/B
0 - 1200°C "K"

Operating temperature

0 - 50°C

Accuracy

± 1°C

Calibration Standard

IPTS 68

Linearisation

Over the entire measuring
range

Display

4 digits, 7 segment LED's
Height - 0.6"

Power supply

4 Ni/Cd Battery 1.2 V each
Type 'AA'

Indication of battery voltage

460 - 545
460 indicates-charging needed
545 indicates-fully charged

Temp. Detection method

Flat Plateau - 629 R
Peak Hold/Track - 629 K

T/C element

Pt/Pt Rh 10%, 13%, 6/30%
Cr / Al

Response time

3 to 5 seconds for 629 S/R/B
Approx. 30 seconds for 629 K
with N. F. Probe

Housing

Dust proof Aluminium
housing with handle

Automatic cold junction compensation

Weight with standard lance
2.5 kg

Memory capacity

1000 Memories

Printing Format

Horizontal or Vertical
(Factory Selectable)

Dip Stations/Furnace code

A, C, E, F, H, J, L, P, U
(9 Alpha Numeric)

Error Codes:

If T/C breaks during measurement, 9999 is displayed
If flat plateau is not detected, 9001 is displayed
If hardware problem occurs, 9002 is displayed
In case of reverse input, 622 is displayed

All our products are certified to meet ISO/QS standards

Specifications may change without prior notice due to continuous development.