

**24 Hour  
Helpline  
09890919191**

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## WIRELESS

**Digital Pyrometer with Memory  
For Various Industries  
Tempstick 629**



### STURDY, ACCURATE, EASY TO USE, PORTABLE & DEPENDABLE

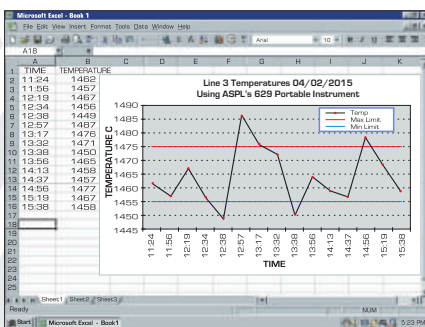
The Tempstick 629 has evolved totally to suit a harsh and hostile industrial environment. It has proved to be the most dependable molten metal temperature measuring instrument when used with our BMD, Thermotips or Minitips for furnace, ladles and tundish in Foundries and Steel Plants.

### FEATURES

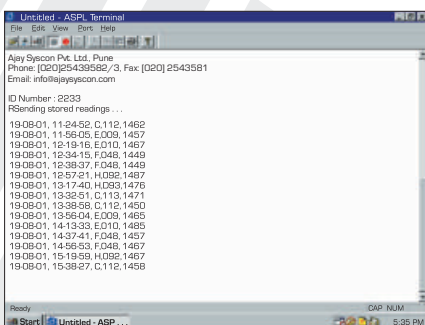
- Wireless connectivity for remote display unit.
- Can be connected to PC to get printout of Temperature with Date, Time, Dip Station (Furnace)
- Memory facility to see temperature readings with furnace code number
- 1000 readings can be stored in memory
- Easy to use, light weight, portable and rugged 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:** Steel, Cast Iron, Copper, Brass, Bronze, Aluminium alloys, Gold, Silver

**For Surface, Gas:** Fertilizer, Sugar, Chemicals, Cement, Paper, Heat Treatment



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.*