



Ajay Syscon Private Limited

147/1&2, Shembekar Industrial Compound, Chinchwad
Pune - 411 019, India

Domestic: 99704 99917/18/19/23/24 | Export: +91 9970499900/03

sales@ajaysyscon.com | export@ajaysyscon.com

www.ajaysyscon.com

Branches: • Ahmedabad • Agra • Bangalore • Belgaum • Chennai • Coimbatore • Delhi
• Hyderabad • Jalandhar • Kolhapur • Kolkatta • Ludhiana • Nagpur • Rajkot • Vapi



AJAY SYSCON is a leader in design and manufacture of microprocessor based instruments for Carbon Silicon Analysis and Temperature Measurement for foundries and steel plants.

FEATURES

- Accuracy - Reliability - Simplicity
- Microprocessor Based
- Sturdy - Rugged Construction
- Zero Maintenance
- Self Diagnostic, Automatic Error Detection
- Easy to operate, skilled person not essential
- Plateau Detection Software for correct temperature measurement

FERROLAB EXCEL



This is the versatile instrument for instantaneous determination of carbon equivalent, carbon and silicon in molten cast iron along with bath temperature measurement. It has special features like dual cup measurement, prediction of BHN, RM for unalloyed cast iron. Ferrolab Excel facilitates with record storage up to 45 nos. The instrument has connectivity of centronix printer for data printing, LDU for magnified visibility, AVP for audio indication. It also has computer connectivity through RS 232 or 485 for cooling curve plotting and complete data storage.

FERROLAB EXCEL PLUS

It has special features like dual cup measurement, prediction of BHN, RM for unalloyed cast iron. Ferrolab Excel Plus facilitates with record storage up to 45 nos. The instrument has connectivity of centronix printer for data printing, LDU for magnified visibility, AVP for audio indication. It also has computer connectivity through RS 232 or 485 for cooling curve plotting and complete data storage.

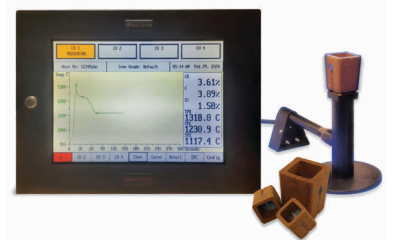


FERROLAB CLASSIC

This instrument can be used simultaneously for Thermal Analysis as well as Molten Metal Temperature Measurement. It supports 2 channels for Thermal Analysis and both the channels can be used simultaneously. It has special features like on-line cooling curve, built in printer, Audio Visual Panel, 2.3" height LED display.

FERROLAB TOUCH

Highly accurate, industrial PC based instrument with three thermal analysis and one bath temperature channels. Advanced thermal analysis system for foundries, having 15" touch screen LCD. It determines iron chemistry parameters and predicts mechanical properties of casting from the cooling curve of molten iron. Memory of 1000 cooling curves of each channel for analysis purpose and having facility of programmable equations, SPC Charts.



DIGITAL POCKET PYROMETER MODEL 407

A hand held pocket pyrometer for measuring temperatures of any solid, liquid or gas. It has provision for connecting different probes.

Temperature Measuring Range: 10°C to 1100°C

TEMPSTICK 429 & TEMPSTICK 529

These are portable digital pyrometer for measurement of molten metal temperature in furnace or ladle. Tempstick 529 - S/R/B is suitable for temperature measurement of ferrous molten metal. Tempstick 429 & 529 is suitable for temperature measurement of non ferrous molten metal. Temperature Measuring Range: 540°C to 1768°C for S/R, 540°C to 1820°C for B and 0°C to 1200°C for K



TEMPSTICK 629

A Portable digital pyrometer for measurement of molten metal temperature in furnace or ladle, suitable for ferrous and non ferrous. Facility to connect wireless LDU, Temperature flags entry and can enter 8 Digit Alphanumeric Run Number.

Temperature measuring range: 540°C to 1768°C for S/R, 540°C to 1820°C for B and 0°C to 1200°C for K



SPECTRAVIEW TRICOLOUR

Is a magnified large shop-floor display unit suitable for foundries and steel plants for display of spectrometer analysis results directly to concerned persons on the shop floor viz. Melting Managers, Supervisors, Melting Operators, etc.

SPECTRACHARGE

Is a magnified display to show the addition of charge on shop floor. **Spectrview** will display the report from the spectrometer readings and **Spectrcharge** will display what addition is required if desired value is less or greater than expected.



TEMPMASTER® 530 T

This is a economical microcontroller based temperature measuring instrument for molten metal in foundries and steel plants. It has a 5 inch inbuilt display. Facility to connect hooter is provided. Temperature measuring range: 540°C to 1800°C.

TEMPMASTER® 570 T

This is an ideal instrument for steel plants and foundries to measure temperature of molten metal. It has facility to connect Printer, Large Display Unit (LDU), Audio Visual Panel (AVP) and Datalogger. Temperature Measuring Range: 540°C to 1800°C.



MASTER VIEW

It is a microprocessor based unit, specially designed to fulfill the requirement of a remote and magnified view (Digit Height 5") of temperature reading measured by Model 570 T (4 Digits) / Ferrolab (6 Digits)

MASTER AVP

It is a wall mountable Auxiliary Lamp and Hooter System. It can be used for giving a remote indication of sequence of signals (Green for Ready, Yellow for Measure and Red for Complete) and Hooter to indicate end of measuring cycle.



SAMPLING CUPS



Metacup-CE : Without tellurium; is used for "Carbon Equivalent" determination of cast iron.

Metacup-CE-N : Without tellurium; is used for "Carbon Equivalent" determination of cast iron. This cup withstands for 07-09 minutes to get complete cooling curve.

Metacup-C : With tellurium 'Blob' to get more reliable data for thermal analysis to read CE, C & Si of cast iron.

Metacup-HC : Is specially used for determination of high carbon equivalent of cast iron / S.G. iron.

Metacup-HC-N : Is specially used for determination of high carbon equivalent of cast iron / S.G. iron. This cup withstands for 07-09 minutes to get complete cooling curve.

THERMOCOUPLE TIPS

BMD Tips : Can be used 6 to 8 times to measure temperature of molten metal in slag free conditions.

Minitips & Type III : These are useful to measure temperature of molten metal with slag, single time use. Available in different lengths.

Type VII : Are expendable cardboard sleeve tips used for measuring molten metal temp with slag. Type VII is a international design having male-female receptacle.

MTR Tips : These can be used 4 to 5 times in slag free conditions.

Safe Tips : These are non-splash tips and can be used 10 to 12 times.



All our products are certified to meet ISO/QS standards

Specifications may change without prior notice due to continuous development