

Measuring Facilities	<ul style="list-style-type: none"> <li>• Thermal Analysis (Dual Cup)</li> <li>• Bath Temperature Measurement</li> </ul>
For Grey and S. G. Iron	Determination of CE, C, Si, ?T, SC for Unalloyed Cast Iron - Prediction of BHN, Rm
Temperature Measurement Range	Type - K (CH. 1 / CH. 2) 950 to 1370°C Type - S/R (CH. 3) 1000 to 1767°C
Operating Temperature	0 - 50° C
Calibration	IPTS 68 / ITS 90
Accuracy	For Carbon Equivalent: ± 0.05 or better For Carbon: ± 0.05 or better For Silicon: ± 0.10 or better
Temperature Display	°C / °F
Display	Graphic LCD, 240 x 180 pixels
Error Codes	Detailed Error Text Information
Linearisation	Over the entire measuring range
Keypad	Dust proof, user-friendly tactile keypad
Measuring Data Storage	175 Records for Bath Temperature Measurement 45 Records for Thermal Analysis
Data Backup	Flash Back Storage
Date – Time	Real time clock, backup by battery(3V lithium)
Run Number	12 Digits Alphanumeric
Self Check Facility	Power On Test
Cabinet	Dust Proof M.S. Housing Size – 640 (L) x 480 (W) x 180 (H) mm
Power Supply	230 V AC ± 10% 50Hz.
Power Consumption	25 W
Inbuilt	<ul style="list-style-type: none"> <li>• Audio Visual Panel for Process Indication</li> <li>• Large Display - 2.3 inch, 6 digit 7 segment</li> <li>• Mini Serial Printer 24 column</li> </ul>
External Connectivity	• Serial Interface RS 232
Temperature Detection Method	Flat Plateau

Bath Temperature (BT)  
 Undercool Temperature (TU)  
 Delta-T Temperature (dT)  
 Saturated Carbon (SC)  
 Brinell Hardness (BHN)  
 Tensile Strength (Rm)