

Hot metal Analyzer



Technical Parameters And Functions

Instrument Specifications	Host	Brand-name Industrial personal computer	Working Temperature	0~40℃
	Monitor	15-inch TFT true color monitor	Working relative humidity	<80%
	Suitable power supply	AC220V 50Hz	Power consumption	40W
	Dimensions	410×450×280mm	Weight	10kg
Main Functions	Measurement functions	Carbon equivalent, carbon content, silicon content, magnesium content, spheroidization rate, tensile		

		strength, Brinell hardness	
	Calculation function	Calculate based on the component supplement amount automatically/manually	
	Data storage function	Record data according to the measured time, and can record more than 1,000 measurement results.	
	Data output function	optional USB port (U disk) or RJ45 interface (network cable interface) to transfer output data to other computers	
	Historical record reproduction function	Historical measurement data and cooling curve chart reproduction	
Measurement range and accuracy	Measurement item name	Measurement range	Measurement accuracy
	Carbon equivalent (CEL)	2.50%~4.80%	±0.08%
	Carbon content (C%)	2.30%~4.20%	±0.05%
	Silicon content (Si%)	0.60%~3.80%	±0.10%
	Manganese content (Mn%)	0.10%~1.40%	±0.15%
	Sphericization rate	60%~99%	±5%

	tensile strength	150~400MPa	±10MPa
	Brinell hardness	100~300HB	±10 HB