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Microcomputer electromagnetic iron proportioning scale series Y57B

Usage & Effect

This product series is applicable to furnace cupola and electric furnace for automatic weighing and distributing the metal material such as new foundry ingot, returning iron, waste steel and etc. It ensures stable quality of molten iron and good operation effect: the temperature of molten iron generally increases 10-20°C; the fluctuation ratio of carbon-bearing capacity keeps below 0.1%; the waste product ratio drops 2-5%; the furnace material and energy consumption are reduced by 2-5% and the labor power is saved.

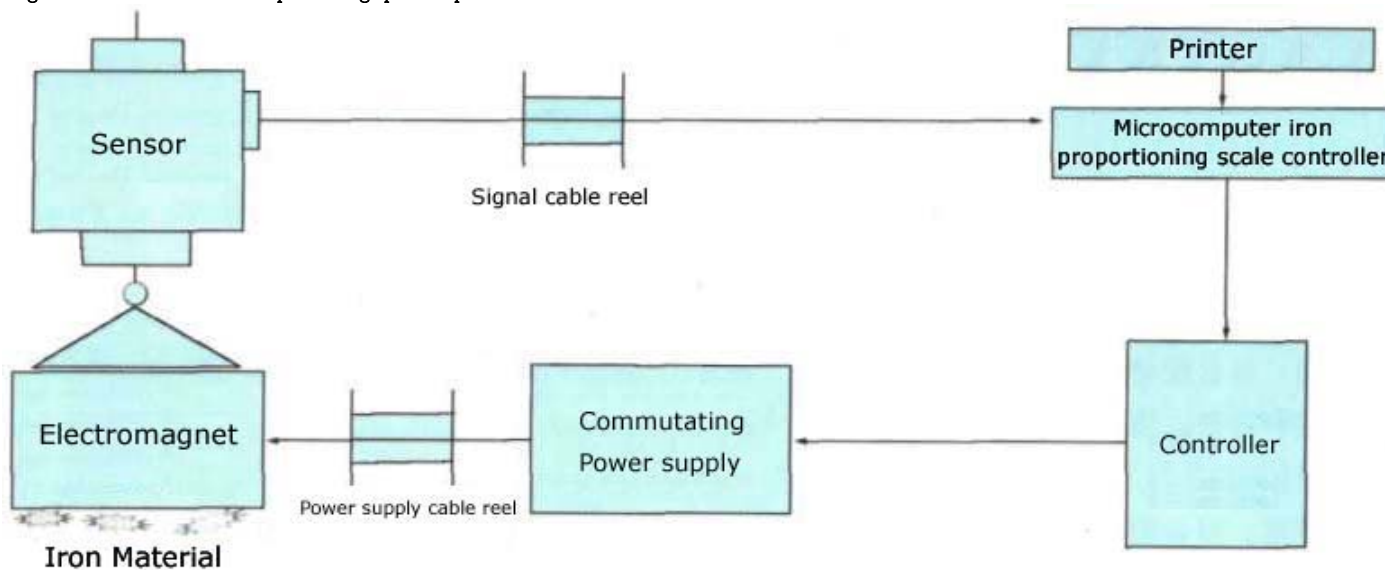


Main Features:

Automatic constant burden. The max. eight different furnace materials can be distributed put batch and up to 999 batches. Burden error can be compensated batch by batch avoiding accumulated errors; Out of tolerance alarm to ensure the accurate burden with average error of continuous burdens (5 batches) less than 3%; Quick burden distributing speed. The average burden (5 batches) distributing time is no more than 16-20 seconds; Auto-printed record card, burden distributing time per batch, burden loading interval, batch NO., furnace material actual weight, weight per batch and accumulated burden weight; Using colorful membrane switching panel with wide liquid crystal screen Chinese display; Chinese menu input; audible alarm and acoustooptical alarm; Data protection at power failure to ensure the important data will never be lost. RS232 interface (also connecting RS485 interface) and multi channel switching input & output interfaces available; Using pull type high strength anti-shock sensors series BLR (or RST); Manual digital display function available.

There are two installation modes: installed ground control chamber or the driving cabin, of the crane. The microcomputer iron proportioning scale should be protected for anti-shock and anti-dust.

Diagrammatic sketch of operating principle



Equipment completeness

Complete Equipment Model	Corollary equipment					Average burden error	Average burden distributing time (second)	Furnace cupola applied
	Magnetic disk digital electronic scale	Sensor	Universal hook	Electromagnet	Commutating power supply			
Y573B	WPT-250A	BLR-1t	WXG-1	MW5-70L/1	WZK-25A	2%	15	<5t/h
Y575B	WPT-500A	BLR-1.5t	WXG-3	MW5-90L/1	WZK-50A	3%	16	5t/h

Y577B	WPT-750A	BLR-3t	WXG-3	MW5-110L/1	WZK-50A	3%	18	5t/h-7t/h
Y5710B	WPT-1000A	BLR-5t	WXG-5	MW5-130L/1	WZK-75A	4%	20	7t/h-10t/h
Y5715I!	WPT-1500A	BLR-7t	WXG-10	MW5-150L/1	WZK-100A	45	24	10t/h-15t/h

Guide for model selection

1. Generally speaking,the customers with furnace cupola can make their model selection according to the application range provided from the specifications sheet.
2. In case of much more furnace returning or waste steels, the customers should choose bigger model machine within the application range in the specifications sheet;
3. The customers are recommended to choose the power supply cable reel,signal cable reel or cable reel integrated electric cable and signal cable made by Yuxiang company;
4. Technical questions concerning the model selection.please contact the technology-department of Yuxiang company.

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