



Ramsons™

Needle Detectors



Besta Needle Detectors

- Designed by Dae Kwang, over 10,000 of these detectors, have been exported to over 35 countries
- The control system of this machine has been designed to install a conveyor belt start switch which can be equipped in the front or rear of the side form of the belt. A flexible alarm lamp is available as an optional device
- The BESTA detector will not be influenced by any outer electrical signal
- Due to the onboard digital computer, it has a 100% success rate, which is a 30% improvement as compared to other detectors
- A special CPU is installed on the inside of the control panel for complete and hassle free operation, which is a result of over 13 years of technical know-how
- It is 15% more efficient with irregular voltage levels, without a voltage regulator

Model	Detection Ability Steel Ball Standard (dia in mm)	Control of Detection	Passing Width (mm)	Passing Height (mm)	Belt Speed (m/min)	Conveyor Alarm (mm)	Voltage (volts)	Power (w/h)	Weight (kgs)
CBS 600MAS	Ferrous Metal (Fe)-100	10 Steps on Switch	630	100	45	1500	Buzzer/Lamp/Belt Stop	220	90 300

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- When the sensor detects a broken needle pin or a 1mm needle chip, a buzzer will automatically sound and the conveyor belt will stop
- The machine is available in two modes of operation: Production and Test card
- 10 indicator lamps identify the exact location of a foreign object
- The control panel is equipped with a safety lock
- A protection cover is available for the control panel so as not to hit the sensitivity level or change the mode of operation by accident



Model	Detection Ability Steel Ball Standard (dia in mm)	Detection Adjustment Grade	Detection Width (mm)	Detection Height (mm)	Dimensons (L x B x H) (mm)	Alarm	Voltage (volts)	Power (w/h)	Weight (kgs)
RAM 520 ND	> 1.0	1-10	610	100, 125, 150, 200	1650 x 1050 x 900	Double Sound	200	100	180

24/7
CUSTOMER SERVICE

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