

# Metal Detectors

VinSyst Technologies' Metal Detectors designed for :

...PROTECTING your machines from damage

...ENHANCING your product quality

...PROTECTING your company's reputation

...PROTECTING you from possible customer's legal resources

Ideal for Food, Pharmaceutical, Beverage, Dairy, Chemical, Rubber, Tobacco, Personal Care, Textile Industries, etc.

## MDV Series



### Features :

- ⊙ Designed For Control Of Packaged & Unpackaged Goods
- ⊙ Detecting Theory : Balance Coil & Electromagnetic Induction
- ⊙ HACCP, GMP & FDA Approved
- ⊙ Detects all Ferrous Metal & Non-Ferrous Metal, S.S, etc.
- ⊙ Easy Detecting the Ferrous in Aluminium Foil Package, suitable for secondary safety inspection
- ⊙ Closed Magnetic Loop Detection Head
- ⊙ Detection Adjustment : 1-100 Steps
- ⊙ Strong Stainless Steel Structure (S.S. 304), Mild Steel (Optional)
- ⊙ Advance DSP Technology with Digital Signal Filter
- ⊙ Based on 32 Bit High Speed CPU
- ⊙ Improved Product "Self-Learning" Functions
- ⊙ Multi Function Operating System
- ⊙ Graphical with Touch Screen Display
- ⊙ Built-in Power Stabilizer
- ⊙ 100 Products Preset; Easy to Edit & Recall
- ⊙ Data Storage & Data Printout ready
- ⊙ 1000 Detection Logs
- ⊙ RS-232 (Standard), USB & Ethernet Interface (Optional)
- ⊙ Easy Integration in Existing Production Lines
- ⊙ Adjustable Belt Speed
- ⊙ Belt Speed : 32 m/min. (50Hz), 40 m/min. (60Hz) (adjustable)
- ⊙ Buzzer & Lamp Alarming with Rejectors
- ⊙ Reject Systems: Belt Stop, Air Jet, Pusher, Falling Drop,



### Models :

Tunnel Width (mm)	Tunnel Height (mm)						Sensitivity (dia. mm) * Ferrous						Sensitivity (dia. mm) * Non-Ferrous						Sensitivity (dia. mm) * S.S 304					
	50	80	100	120	150	180	0.2	0.3	0.5	0.7	0.8	0.9	0.4	0.5	0.7	1.1	1.2	1.3	0.8	0.8	1.1	1.1	1.4	1.5
250	50	80	100	120	150	180	0.2	0.3	0.5	0.7	0.8	0.9	0.4	0.5	0.7	1.1	1.2	1.3	0.8	0.8	1.1	1.1	1.4	1.5
300	80	100	120	150	180	200	0.4	0.4	0.6	0.8	0.8	1.0	0.6	0.6	0.9	1.0	1.0	1.4	1.0	1.0	1.3	1.3	1.6	1.8
350	100	120	150	180	200	300	0.6	0.8	0.8	0.8	1.0	1.2	0.8	1.0	1.0	1.2	1.4	1.4	1.0	1.0	1.3	1.5	1.8	2.0
400	100	120	150	180	200	250	0.6	0.8	1.0	1.0	1.3	1.6	0.8	1.0	1.2	1.2	1.5	1.8	1.3	1.3	1.6	1.8	2.0	2.3
500	120	150	180	200	250	300	1.0	1.0	1.3	1.3	1.6	1.8	1.2	1.2	1.5	1.5	1.8	2.0	1.6	1.8	1.8	2.0	2.3	2.8
600	150	200	250	300	350	400	1.0	1.3	1.6	1.8	2.3	2.5	1.2	1.5	1.8	2.0	2.5	2.7	1.8	2.3	2.3	2.8	3.3	3.5
800	80	120	200	300	350	400	1.3	1.5	1.7	1.9	2.4	2.6	1.6	1.8	2.0	2.2	2.7	2.9	2.3	2.5	2.7	2.9	3.4	3.7
1000	80	120	200	300	350	400	1.5	1.7	1.9	2.1	2.5	2.7	1.8	2.0	2.2	2.4	2.9	3.0	2.5	2.7	2.9	3.1	3.5	3.9
1200	80	120	200	300	350	400	1.7	1.9	2.1	2.5	2.7	2.9	2.0	2.2	2.4	2.6	3.1	3.2	2.7	2.9	3.1	3.3	3.6	4.1
1500	80	120	200	300	350	400	2.0	2.2	2.4	2.6	2.9	3.1	2.3	2.5	2.7	2.9	3.3	3.6	3.0	3.2	3.4	3.6	3.9	4.4

\* Depends upon nature of product, speed, transport behaviour and environmental conditions.