BROTHERS®
PHARMAMACH (INDIA) PVT. LTD.

METAL DETECTOR
NAD 4000 *Series*

ALCON

Metal Detector for Aluminium-Packaged Products

NAD4000 Series metal detector detect even the smallest metal particles safely and reliable in every type of aluminium-packaged products. Compared with X-ray scanner, NAD 4000 series overcomes the high density differences in product or high evaluation threshold due to variation in the production process. The intelligent, passive magnetic surface sensor works without wear, contrary to X-ray scanners, and easy to operate as cheese and meats do not affect detecting performance. Wires, Chips and broken injection needles are reliably detected irrespective of product orientation.

BUILT-IN UNIQUE FEATURES :

- Without hazardous X-rays
- Wear Free detecting system
- No need to care about "Product Effect" & "Hot Temperature"
- Usable with every type of Aluminium-Packaged products
- Configurable Passing Height
  (Min.50~Max.150mm by every 10.00mm)
- Password Setup function
- Low investment and maintenance cost
- Product orientation does not influence the signal strength
- Easy to learn and Train operator
- Connectivity to various External devices
- Manageable Metal detecting history
- Easy Software update

Model Name		NAD4000-2505 ~ 2515
Machine Width (MW)		630mm
Conveyor Size	Length (CL)	Min. 1,400 ~ Max. 1,800 (Every 100mm) (Min. 1,300 is possible for rejecter type)
	Height (CH)	Min. 650mm (+/-50 & 100mm)
	Width (CW)	390mm
Belt Width	Plastic Belt (BW)	240mm
	Urethane Belt (BW)	250mm
Belt Speed	Plastic Belt	20 ~ 42m/min.
	Urethane Belt	20 ~ 37m/min.
Product Passing Height (PH) *Configurable by every 10mm / from the belt surface		Standard (90mm) Min. 50 ~ Max. 150mm
Product Passing Width	Plastic Belt (PW)	240mm
	Urethane Belt (PW)	250mm
Testing Product Size	Width (W)	Less than 240mm
	Height (H)	Less than 150mm
Display		10 inch 15.7 color TFT LCD Screen (Resolution: 800 x 480)
Control		Touch Screen, Power Switch, Conveyor Switch & Emergency Switch
Preset		Max. 10 items (Expandable upon request)
IP Level (Conveyor)		IP-55
Power Supply		Single Phase AC220(110)V 50/60HZ
Relay Ports		AC SSR Relay (8A) SPST NO (Form A): 4 ports
		DC PhotoMOS (1A) SPST NO (Form A): 4 ports
Inputs		8 ports
Outputs		AC Output: 4 ports / 24V Output: 4 ports
Operating Temperature		0˚C to 50˚C
Material of Protection Cover		PC (Polycarbonate)
Tower Lamp		Green & Red (2 Colors) / Buzzer
External Printer (Optional)		HP-320
Rejecters (Optional)	AB	Air Blast
	FB	Flip Bar (Separable Type)
Allowable in-feed load		Around 1.0 Kg / Piece
Unit Weight		Approx. 80.0 kg (Standard Conveyor Length: 1,400mm)
Estimated Sensitivity (Ferrous & Stainless Steel 304) *based on regular hexahedron test pieces provided by Nowsystems		1.0mm under passing height (50mm)
		1.5mm under passing height (100mm)
		2.0mm under passing height (150mm)

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