

# MM 700

## MM 700 the new line of X ray inspection scanner for shoes industry.

The increasingly stringent quality control in the shoe industry, is attracting the interest of companies to an accurate non-destructive analysis aimed at the detection of defects/metal objects such as nails or staples etc.

The X-ray technology, already widespread in other areas such as food, pharmaceutical, automotive, etc., is able to cover a wide range of applications, enabling the detection of foreign objects for the verification of completeness of the product.

"NONAME Hi-Tech" has created a new line of products with innovative design, an advanced mechanical, performance and intuitive software, a clear strength and extreme ease of use.

The latest technologies used enable the new machine series MM 700 delivers outstanding results with respect to both the detection of foreign bodies and the check of conformity of the inspected products.

The modular hardware and the wide range of features and customization software enable the machines of the new series MM 700 to adapt to the needs of any type of customer. The management of post-sale machines Series MM 700 is performed through an extensive international organization of service and provides the opportunity for customers to get in touch with the technicians "NONAME Hi-Tech" via a remote assistance service accessible directly from the machine's software.



### HARDWARE

- Control: PC station consists of all in one of the latest generation touch screen monitor 22 "or higher for a total vision of the image, wireless keyboard and mouse for a machine management by highly qualified personnel.
- Source X-ray high quality: the small focal spot and the oil cooling system x-ray allow you to maintain superior performance for a long time.
- Ultra fast and highly sensitive linear receiver: The new generation of receivers allows to have an exceptional image quality even at high speed. The dynamic 14 bit allows the viewing of any type of product.
- Compact size: The use of advanced components and careful design have enabled the development of a compact and efficient machine.
- Scan speed: up to 600mm / s.
- Oil cooling the X-ray tube: The oil cooling allows the machine to operate in a wide range of temperatures without risk and without problems.

### SOFTWARE

- HDI : The new software " NONAME Hi - Tech " for the detection of potentially dangerous bodies such as nails , staples , etc. It provides the highest level of performance .
- Filtering : the new filtering technology allows for sharp images and without increasing the noise performance of the machine.
- Processing with macro : processing with macro enables increased performance of the inspection.
- EASY GUI : The new operator interface icons and symbols allows even inexperienced staff to set-up the inspection of a new product in a very short time .
- Lack of components: HDI is able to detect a lack of one or more components inside the product.

### Technical features

Working place	<b>From 5°C to 35°C, RH 0-90% (without water)</b>
Protection level	<b>IP</b>
Dimensions (length/width/height)	MM 700-40 <b>2400 x 750 x 1550 mm</b> MM 700-50 <b>2650 x 750 x 1650 mm</b>
Speed	<b>Max. 600 mm/s</b>
Max dimensions of inspected item (length/width/height)	MM 700-40 <b>700 x 300 x 200 mm</b> MM 700-50 <b>700 x 500 x 250 mm</b>
Max weight of inspected item	<b>15 Kg</b>
Linear received	<b>0.4 mm resolution 0.2 mm on request</b>
X ray generator	<b>90 kv ,200 W High resolution</b>
Processor	<b>PC all in one touch screen 22", Core latest generation</b>
Pre - processing and control unit	<b>System "NONAME Hi-Tech" HDI</b>
Monitor	<b>23", 16:9, Full HD 1920x1080, LED-backlight with touch screen</b>
Keyboard	<b>Wireless</b>
Interface	<b>USB / Ethernet</b>
Bar code reader	<b>Optional</b>
Bar code printer	<b>Optional</b>
Feeding voltage	<b>230 V ac</b>
Frequency	<b>50/60 Hz</b>