360°
inspection and quality control

PRISMA
PARMA ITALY

X-ray inspection + checkweigher
2XR11 + 08T3

MID Measuring Instruments Directive

4.0 Ready Systems

BRCGS In Partnership with

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Technical Specifications

Weighing range	up to 3200 g
Linear speed	up to 100 m/min
Throughput	up to 300 ppm
Display division	from 0,5 g
Accuracy*	from ± 0,5 g
Pneumatic supply	0,6 Mpa
Power supply	230V 50/60Hz single phase
Power consumption	2200 W
X-ray generator	100 W
X-ray sensor	250 mm
X-ray emission	<1 μSv/h fully contained inside the structure
Curtains	lead-free, infeed and outfeed, FDA approved
Mirror finishing of metal parts	Stainless steel AISI 304 for food and pharma environments
Protection Rating	IP54 - IP65
Climatic environment	from 5°C up to +35°C non-condensing (closed)

*depending on the weight, dimensions and type of product

Electronics

T3
• Digital electronics with PC Mainboard mini-ITX
• 10,4" TFT color display with touch screen panel
• Windows 10 IoT operating system
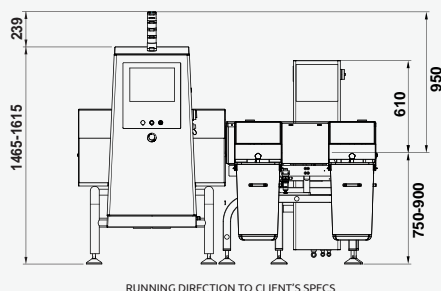• 200 storable product programs

XR
• Digital electronics with PC Mainboard
• 15" TFT color display with touch screen panel
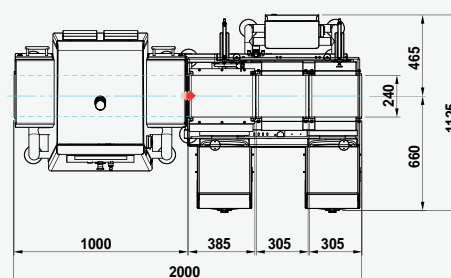• Linux Operating System

Equipment

• Single-beam X-ray
• Adjustable speed
• Fail-safe mode
• Linear sensor with Frame Grabber
• TPU conveyor belt approved for FDA and EU food usage
• Roller diameter: 30 mm
• High immunity to environmental interferences
• Alarms notification
• Report and rejects archive
• OK pcs. and rejects totalizer
• Principle of operation: digital with bidimensional image

• Function and process alarm output
• Remote Input/Output on Ethercat protocol
• 3 levels password access protection
• Visualization of product image
• USB interface
• Self-check function
• Auto set-up function
• Electronic self-calibration device
• Mobile average function
• 2 RS232 serial ports
• Production data management in conformity with standards in force
• In conformity with ISO - FDA - HACCP - GMP - CE regulations

Optional

• Rejection systems
• Reject management systems
• Stainless steel rejection bin
• Inner cooling system
• Ejection check photocell
• Bin-full check photocell
• Ethernet interface for Industry 4.0 compliance
• Wind-prevention tunnel
• 24-columns panel printer

• Special conveyors
• Open flap control device
• Separated electronic equipment
• Alarms notification
• USB interface
• Products programs memory expansion
• Feed-back function
• FAT/SAT, IQ/OQ validations, CFR21 part 11
• MID Certification

RUNNING DIRECTION TO CLIENT'S SPECS

CE

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