





SUITABLE FOR **DETECTION** OF **CONTAMINANTS** INSIDE **SACHETS, SMALL SOFT PACKAGES** AND **BULK PRODUCT**

DYMOND 120



As all the new DYmond series machines, the new Dymond 120 inspection unit combines high detection performances to a low power equipment.

Thanks to a new design concept, the Dymond 120 machine can cover a wide range of applications and is extremely easy to be installed and maintained despite its compact dimensions.

The flexible and user friendly software interface is the result of more than 15 years of experience, gained serving the biggest food and pharmaceutical companies worldwide.

DYLOG®

HITECH

X-ray Inspection System

TECHNICAL FEATURES

Requirements	Units	
Functional		
Machine dimension (length, width, height)	mm	see footprint
Maximum package size	mm	see inspection area
Line height	mm	790-1050
Operation temperature	˚C	5-40 C (with 500W air conditionner)
Operation humidity	%	90% (no condensed water)
Operating Environment	IP	65
Maximum belt speed	m/min	80
Power supply	VAC	230 + - 10%
Detector pixel size	mm	0.8
Detector length	mm	600mm
Maximum scan rate	l/s	~2800 (exposure time = 350µs)
Minimum product gap	mm	10
Minimum distance between X-ray beam and rejeter	mm	1.000
X-ray power	kV, mA	80kV; 2 mA
X-ray focal spot	mm	0.8 mm
Software and Computer		
OS		Win XP
Display	inch	15
Computer harddrive	GB	250
Safety		
Regulatories		CE
Safety circiut - Interlocks		SIL 3 PLE

TYPICAL INSTALLATION LAYOUT

