XD 160

XD160 is applied in the inspection of Aluminum/Iron castings, auto parts, hardwares, refractory materials etc. Fully automatic optical inspection developed on the image inspection technology system, it uses X-ray fluoroscopy to convert into visible light images, obtains image with a flat panel.It support high-definition imaging, measurable size, data storage and automatic programming and other functions.

Advantages

- Clearly detect sand holes, cracks, and other defects inside aluminum castings
- User-friendly, 5-10 mins setting time for new products
- According to the ergonomics, it support programmable, measurable, and picture saving
- Inter-lock function. If any door is not closed, the X-ray cannot turn on
- 360 degree rotation and movement for platform
- C-arm 6 axis linkage detection mode, no dead angle
- Real-time dynamic imaging display in monitor
- Display and operation with modular settings, inspect and monitor multiple products in real-time

X-ray Tube Spec

X-ray TubeType	Reflective sealed micro-focus ray source
Tube Voltage	160KV
Tube Current	200 μA - 500 μA
Max Output Power	400W
Micro Focus Size	40μm

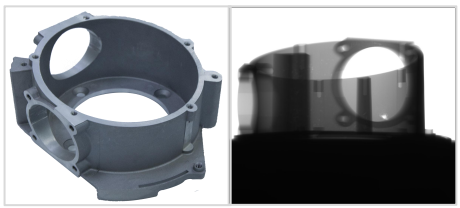
FPD Spec

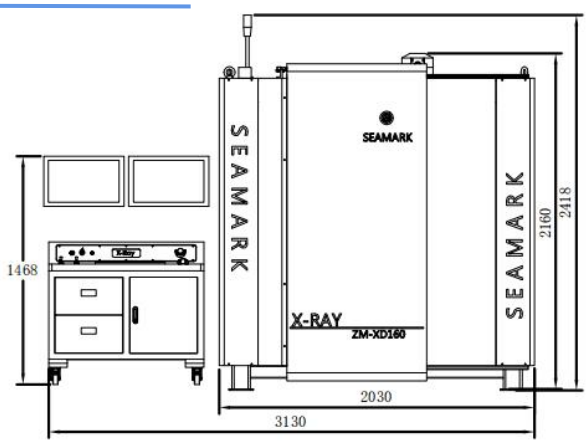
Detector Type	Amorphous silicon flat panel detector (optional)
Pixel Matrix	2816×2816
FOV	433.7mm×433.7mm
Resolution	3.24Lp/mm
Image frame rate (1×1)	1.2fps
AD conversion digits	16bits

Equipment Parameter

Plateform Size	φ500mm
OS	IPC WIN7/ WIN10 64 bits
Input Power	220V 10A/110V 15A 50-60HZ
N.W.	About 3500KG

Die-casting Inspection



Tyre Inspection

Dimensions