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## Xray Machine Specifications

*This system has been specifically designed to X-Ray seeded oysters.*

*The features included in this machine have evolved by close liaison with the Pearling Industry over a period of many years.*

- Constructed of marine grade s/s for use in hostile environments.
- Rugged industrial type X-Ray tube, to gives the required power continuously.
- The 9-inch Image Intensifier and CCD Camera, together with a 12-inch high resolution TV monitor more than meets the requirements of the system.
- A variable speed conveyor, adjustable to suit the operator's skill, gives total flexibility.
- Radiation leakage is well below that which is required by the authorities enabling the operator to work continuously.

<b>WEIGHT</b>	Approx. 210kg		
<b>DIMENSIONS - (incl. TV)</b>	<b>HEIGHT</b>	<b>LENGTH</b>	<b>WIDTH</b>
<b>Overall</b>	1.70m	1.86m	0.82m
<b>Lower Section</b>	0.92m	0.90m	0.62m
<b>Middle Section</b>	0.21m	1.86m	0.82m
<b>Upper Section</b>	0.68m	1.00m	0.56m
<b>X-RAY TUBE</b>	Fixed anode, 65 – 85KVP @ 1mA continuous rating Air Cooled		
<b>IMAGING SYSTEM</b>	9" Image Intensifier CCD Miniature Camera 12" High Resolution TV Monitor		
<b>REJECTOR</b>	Pushrod for vomit oysters		
<b>CAPACITY</b>	1800 Oysters / Hour (dependent on oyster and operator)		
<b>CONVEYOR</b>	490mm wide shelf, aligning vinyl belt, driven by 1/8 H.P. Variable speed geared DC motor Bearings are 'zero maintenance' polymer type		
<b>POWER</b>	Maximum power consumption is 200VA Standard Model is 220/240/250V AC 50 or 60HZ Other voltages to special order		
<b>DEHUMIDIFY</b>	One 25W lamp in both upper and lower sections total power consumption 50W		
<b>ENVIRONMENTAL</b>	<ul style="list-style-type: none"> <li>• All components in lower section sealed against salt water and deck hose</li> <li>• Upper section is completely sealed to salt water</li> <li>• Control box is splash proof only</li> </ul>		

**WARRANTY**

12 months back to base (Perth) parts and labour  
Exceptions: 12 months back to base (Perth) parts and  
labour, pro-rata on xray tube and image intensifier  
Excludes travel expenses to customer site if required

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