

## Dairy Milk



### Customer Challenges

- Easy cleaning and maintenance
- Equipment with no bug traps where bacteria could breed
- Highest hygiene standards to protect their brand
- Checks for many forms of contamination
- Milk has a very high conductivity signal which can lead to false rejects using traditional inspection techniques
- Compliance with retailer codes and legislation
- Reduce the cost of rejection
- Measuring fill level of milk in a plastic bottle or tetra pack

### Solution Features & Advantages

- ▶ Hygienic design offers easy access to all machine areas and tool-less full conveyor belt removal in seconds - no bug traps. Sealing approved to IP65; IP69K is also available for harsher wash down environments. 3-A Sanitary Certification is optional.
- ▶ Complete product integrity check can be provided, combining contamination detection and simultaneously checking fill level of milk in a plastic bottle or tetra pack.
- ▶ X-ray inspection systems are not effected by conductivity of milk.

### Customer Benefits

- ▶ Efficient and easy cleaning and maintenance reducing downtime.
- ▶ Ensuring continual brand protection and customer satisfaction and that the highest possible quality standards are met.
- ▶ Therefore sensitivity is optimised and production throughputs are maximised.

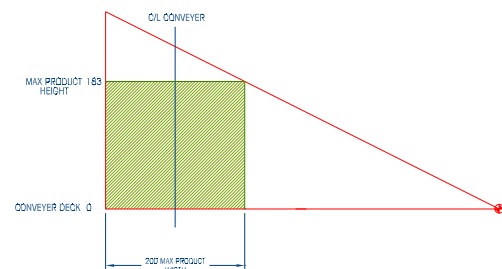
### Suitable x-ray inspection systems for milk:



InspireX R70



InspireX R20H



300mm Straight beam diagram for the InspireX R20H



## Dairy Applications - Safeline X-ray Inspection Systems

	AdvanCheK	AdvanCheK Plus	InspireX R20	InspireX R20H	InspireX R40	InspireX R70	CanCheK
<b>Butter, Margarine</b>	small retail packs	small retail packs	small retail packs		large blocks	pumped products	
<b>Ice Cream</b>	lollies, cones, small tubs, choc ices	lollies, cones, small tubs, choc ices	lollies, cones, small tubs, choc ices		multi packs, large tubs 2L	pumped products	
<b>Cheese</b>	small retail packs, grated cheese, cream cheese	small retail packs, grated cheese, cream cheese	small retail packs, grated cheese, cream cheese		large blocks (e.g. 20kg), vaccum packed grated cheese (e.g. 10kg), discs-fixed weight	pumped products	
<b>Milk</b>				plastic bottles, tetra paks		pumped products	
<b>Milk Powder</b>	sachets	sachets	sachets	composite can	big foil bags, multiple packs in a carton		composite cans
<b>Yoghurt</b>	small retail packs	small retail packs	small retail packs	big pots up to 500ml, probiotic drinks	trays of yoghurt (single or double layers)	pumped products	

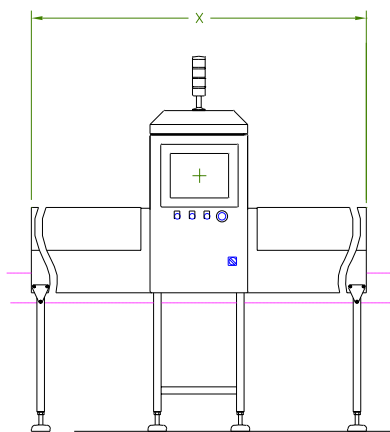
### InspireX R20H

#### Superior Safety for Plastic Bottles and Tetra Paks

- The InspireX R20H offers product integrity checks for small containers, polymer bottles and combi blocks.
- The inspection system has the capabilities for contamination detection of foreign objects, like glass, metal and stone and checks fill levels, assuring product quality to provide complete brand protection and to protect your brand from costly product recalls.
- The variable speed capability of the InspireX R20H system allows for changes in line speed without interrupting inspection, maximising throughput and increasing productivity, as line speeds of up to 1200 plastic bottles per minute can readily be achieved.



Milk processing plant



X = System Length - 2240mm or customised to fit over existing lines



InspireX R20H

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For more information

Subject to technical changes

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