



Expected results – Bone detection

- Bone detection for chicken breast meat:**

- Wishbone fragment: 99% (> 2mm in smallest dimension)
- Rib bone: 96% (> 2mm in smallest dimension)
- Delta bone (fan bone): 98% (close to whole bone)
- Delta bone fragment: 96% (> 1mm in thickness
and > 5mm in other dimension)
- False positives: Generally below 3%

- Other contaminants**

- Metal: Ø>1.8mm
- Stone: Ø>2.0mm
- Glass: Ø>3.0mm

- Throughput**

- Flow-based: 4-4.5 Tons/h (8-9000 lbs/h)
- Piece-based: Typically 80-90 large butterflies/min
up to 220 small fillets/min with two lanes



Note: detection rate, false positives and throughput vary between products, plant and customer requirements.

[Intro](#)