

TAPTONE

4000

## Section F

# TapTone 4000 Plastic Bottle Inspection System

## Specifications

### SYSTEM SPECIFICATIONS

#### GENERAL SPECIFICATIONS

Electrical .....460 VAC,  $\pm$  10%, 50/60 Hz, 3-phase, 18 amps

Conveyor Cooling .....Required at speeds in excess of 400 containers/min, or 150 ft/min (.75 m/sec.).For very stiff containers

.....requiring high compression, cooling is also required.

Operating Speed .....200 ft/min (1 m/sec) max [cooling required for speeds >150 ft/min (0.76 m/s)]

Operating Temp .....32° to 122° F (0° to 50° C)

Humidity .....0–90%, non-condensing

Altitude .....Sea level to 10,000 ft (3,035 m)

Weight .....2000 lbs (907 kg)

Hardware .....Metric

#### CONTROL ENCLOSURE

Material .....Stainless steel, NEMA 4X, IP65

Wash Down .....Low-pressure water

Human Interface .....10 in (25.4 cm), 256 color LCD touch screen

#### INPUT ELECTRICAL SPECIFICATIONS

AC Analog Inputs 1–4 ...0–5 VAC

DC Analog Inputs 1–4 ...0–10 VDC

DC Digital Inputs 1–6 ....3–24 VDC, dedicated

DC Digital Inputs 7–16 ..3–24 VDC, user selectable

#### OUTPUT ELECTRICAL SPECIFICATIONS

DC Digital Outputs 1–4 .0–24 VDC, dedicated

DC Digital Outputs 5–8 .0–24 VDC, user selectable

#### X-RAY SENSOR

X-ray Source .....X-ray tube, 35-60KeV, 10-50 $\mu$ A,

X-ray Detector .....Photo Multiplier Tube (PMT), 1.0 in (25.4 mm) detection range



**TELEDYNE TAPTONE**  
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