

# TAPTONE 4000

## SYSTEM SPECIFICATIONS

### GENERAL SPECIFICATIONS

Operation Temp	32° to 122°F (0° to 50°C)
Humidity	0 to 90%, non-condensing
Altitude	Sea level to 10,000 feet (3,035m)
Electrical	115–230 VAC ± 10%, 50–60 Hz, single-phase, 300 watts, 15 amp
Operating Speed	2,000 containers/min maximum (Proximity, X-ray, Digital Inputs) 1,500 containers/min maximum (Acoustic)

### INPUT ELECTRICAL SPECIFICATIONS

AC Analog Inputs 1–4	0–5 VAC
DC Analog Inputs 1–4	0–10 VDC
DC Digital Inputs 1–4	3–24 VDC, dedicated
DC Digital Inputs 5–12	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

### CONTROL ENCLOSURE

Material	Electro-Polished Stainless steel, NEMA 4X, IP65 rated
Wash Down	Low-pressure water
Human Interface	10 in (25.4 cm), 256 color LCD touch screen
Reject Signals	24 VDC, 1 amp, variable pulse width and time delay

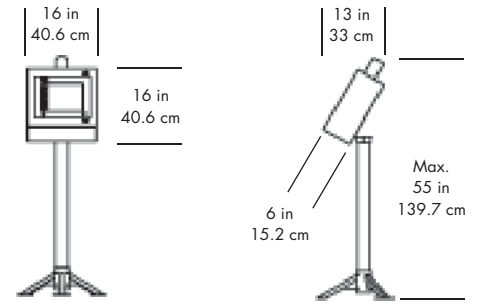
### XRAY SENSOR

X-ray Source	X-ray tube, 30–60KeV, 10-50 $\mu$ A
X-ray Detector	Photo Multiplier Tube (PMT), 1.0 in (25.4 mm) detection window

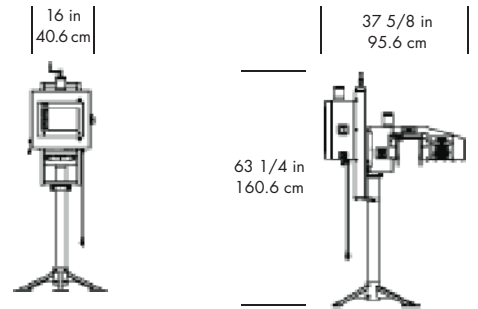
### FREE PRODUCT TESTING

Teledyne TapTone offers free product testing to assure that your product can be inspected with the proper technology before you purchase a TapTone system. Our application engineers will return a comprehensive report on the testability of your product. To submit samples for evaluation, call us or visit our website to obtain a Sample Testing Form.

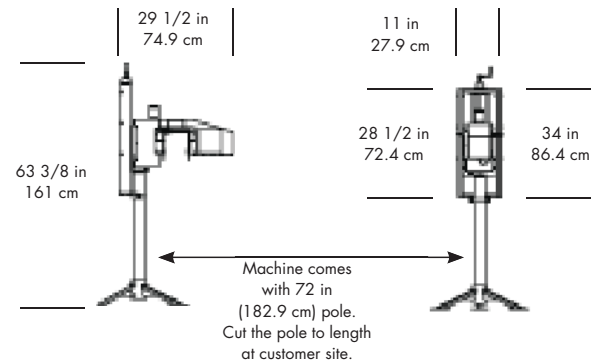
Control Enclosure



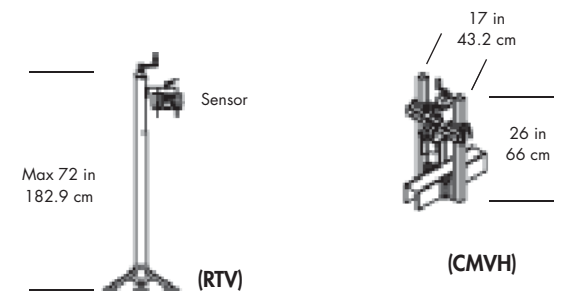
X-ray with Controller (SSV-X)



X-ray Mounting Remote (RTV-X)



Optional Sensor Mountings (acoustic, proximity)



**TELEDYNE TAPTONE**  
Package Inspection Systems  
A Teledyne Technologies Company

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ISO 9001 Certified CE Compliant

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