

TID Thread Inspection Device



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The TID (Thread Inspection Device) provides non-contact thread inspection on round and non-round containers using the latest AI technology. The TID's four dedicated cameras ensure a 360-degree view of the entire finish. The TID is available as an integrated option on FleXinspect machines. The TID inspects round and non-round containers at speeds up to 1 meter per second

Features

- Four 1.3M pixel high speed cameras
- Precision optics and illumination provide a 360-degree view of the finish
- Incorporates the latest AI technology
- Fits within 500mm (19.6") of linear conveyor length

Defects

- Deformed threads
- Blisters, Seeds and Stones in threads
- Chipped Threads

Ware Range

- Height: 40mm - 440mm (1.5" - 17.3")
- Body Diameter: 15mm - 160 mm (0.5" - 6.2")

Specifications

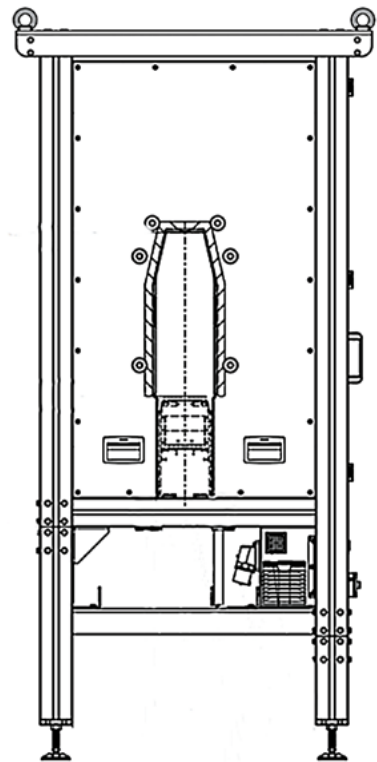
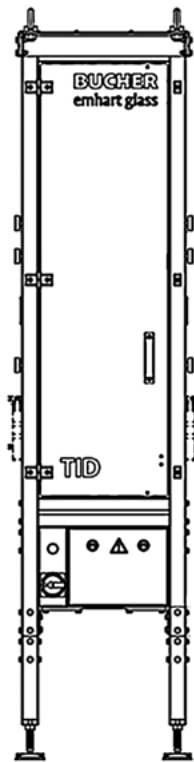
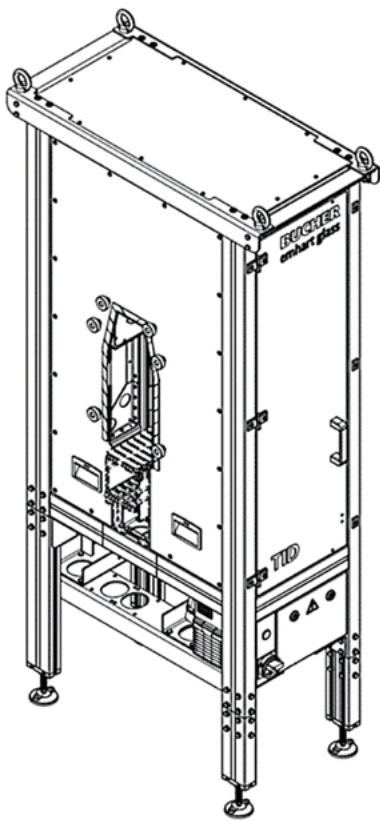
- Speed 1m/s (39.3"/s) maximum
- Dimensions L 500mm (19.6") x W 1050mm (41.3") x H 2000mm (78.7")
- IP 50 protection

Power Requirements

- 230VAC single phase 50/60hz Standard - *optional voltages available on request*
- Amps 16

Environmental

- Temperature 5C - Max. 50 °C (41 - 122°F)
- Relative humidity Max. 95% relative humidity



Conveyor shown for reference only

www.bucheremhartglass.com

Bucher Emhart Glass
Hinterbergstrasse 22
CH-6312 Steinhausen

Telephone: +41 41 749 42 00
Fax: +41 41 749 42 71
webmaster@bucheremhartglass.com
www.bucheremhartglass.com