

Selection Process

IWC-200 Electronic Inspection Equipment for Wooden Capsules



Electronic equipment for automatic inspection of the surface and sides of wooden capsules, as well as inspection of the marking.



Source

Power Supply
415/240V (3Ph+N+T) 50Hz



Power

Installed Power
2.0 kW



Compressed Air

Compressed Air Supply
5 to 7 bar



Noise

< 70 dB

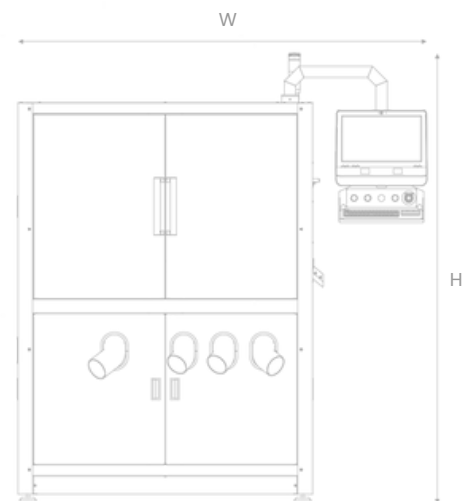


Cadence

Nominal Cadence until
12 000 capsules/hour
(wooden capsules between
Ø22-45mm)

General Features

- ✓ Equipment with 2 Smart Cameras + 5 for image acquisition;
- ✓ Detection of dimensional defects (diameter and height of the capsule, hole and its height, centrality of the hole, ovalization, among others);
- ✓ Detection of aesthetical defects (nodes, cracks, lack of material, "bite", among others);
- ✓ Use of Machine Learning algorithms to:
 - Inspect and select capsules by color and brightness;
 - Inspect the marking (it exists? Centered? Blurred? Deepness) of painted and varnished capsules;
- ✓ Inspection of conical capsules.



Dimensions

H 1954mm x D 845mm x W 1971mm

Weight

350 kg



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