

PCI 1000

Micro Processor
Based Plastic
Cap
Inspection
Machine



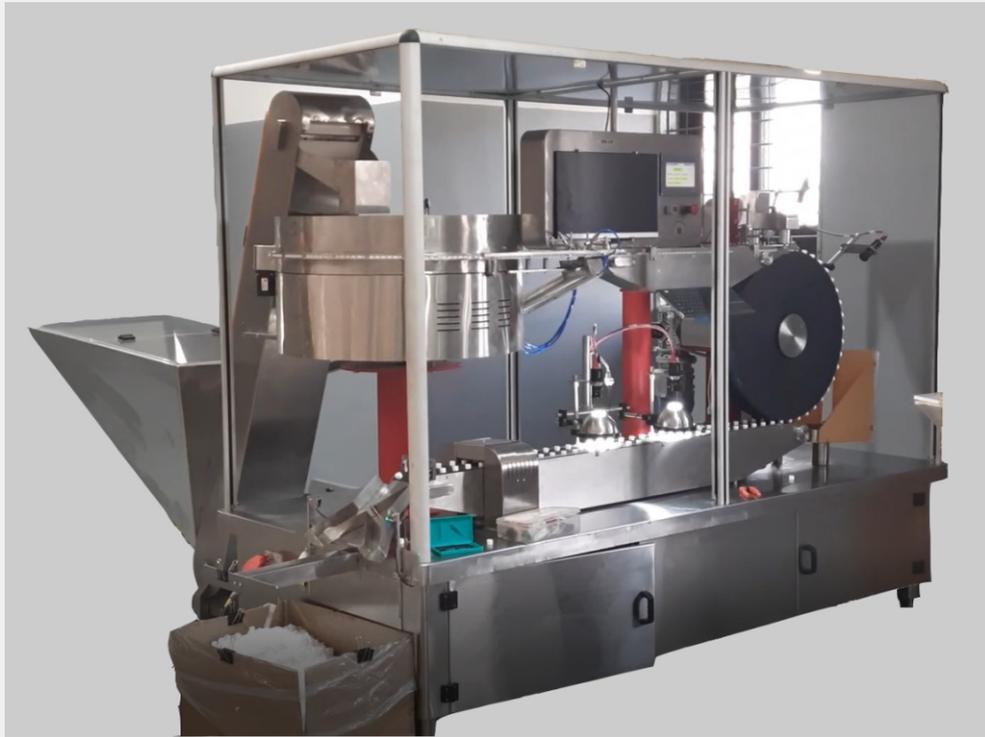
BHARAT VISION AUTOMATION

www.bharatvisionautomation.com

Model **PCI1000**



Technical SPECIFICATION



Model
CRI500



Throughput
30,000 pieces/hour



Power
415 v 4 Amp



Dimension
2000 x 1100 x 1900 (mm)



Frequency
3 Phase 50 Hz



Air
6/7 Kg/cm²



Weight
900 Kg approx



Stopper Size
13 , 20 (mm)



Hopper Capacity
13 mm - 70,000 pieces approx
20 mm - 40,000 pieces approx

Products OVERVIEW



This is a high-speed, fully automated cap inspection machines. The machine's main body is made of stainless steel, and the upper portion of the machine is covered by a glass cabinet, which prevents dust from entering the machine. The operator fills the hopper with material. The material is then lifted to the rotary vibrator by elevator. The material is fed to the feeder conveyor using a rotary vibrator. the cap is faded to rotary. The pick-up roller mechanism provides precise timing. This provides a perfect time for image capture. Two cameras are mounted on a rotary in order to identify defects in plastic caps. The task is done by four high-definition cameras, two of which are mounted on a rotary and inspect the front side of the caps as well as the circular sides of the caps using four high-quality mirrors. The other two cameras inspect the bottom sides of the cap. vertical flash, horizontal flash, blackspot, and cut are the defects covered by the camera. Caps are then carried forward to the rejection station, where rejected caps are removed using an air nozzle. Accepted pieces will be placed in the good piece crate for further processing. This entire procedure is carried out using a high-speed 1000 ppm state-of-the-art mechanism.



About Us

Bharat vision automation is located in Odhav, Ahmedabad, Gujarat. Our journey began in 1998. Our hunger to grow helped us stand out in a competitive market through innovation and service. We are specialists in the design, manufacturing, and solution of automated vision inspection systems. These systems include material handling, machine control, and rejected part sorting in conjunction with the camera. Since 1998, we have supplied a wide range of machine vision solutions to our manufacturing customers in the pharmaceutical, automotive, and cosmetic industries.

Contact Us

BHARAT VISION AUTOMATION



39, Madhav Estate, Behind Safari Hotel, SP Ring Road, Odhav. Ahmedabad -382415



www.bharatvisionautomation.com



info@bharatvisionautomation.com

bharatvisionautomation.sales@gmail.com



+91 94263 25462

+91 94086 56168

+91 97264 25462