

PLASTIC CAP SORTING MACHINE

PCI03-211K



BHARAT PHARMA EQUIPMENTS

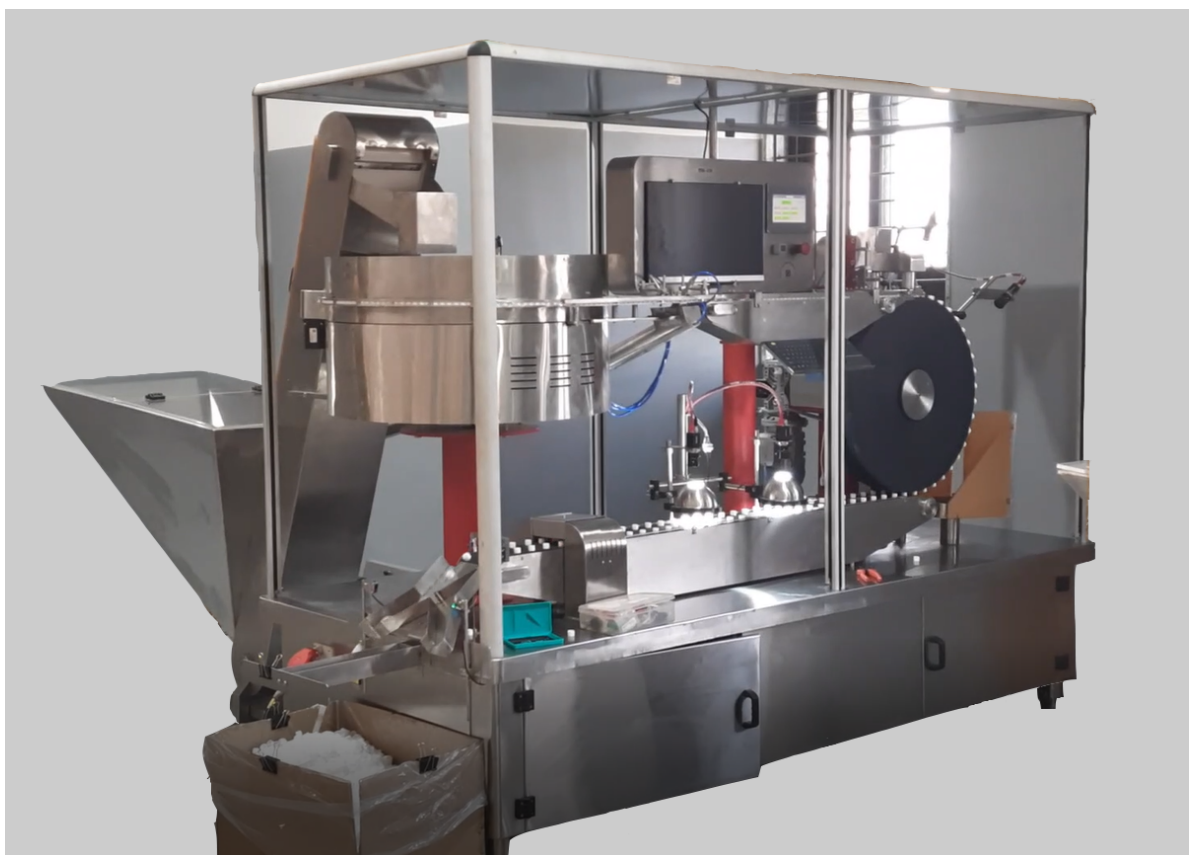


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PRODUCT WE INSPECT



Any size -
Lami caps
Shoulder
Conical cap



PLASTIC CAP SORTING MACHINE

Technical Specification

Model



PCI03-211K

Power



415 v 4 amp

Frequency



3 phase 50 hz

Air



6/7 kg/cm²

Throughput



60,000 piece/hour

Weight



900 kg approx

Dimension



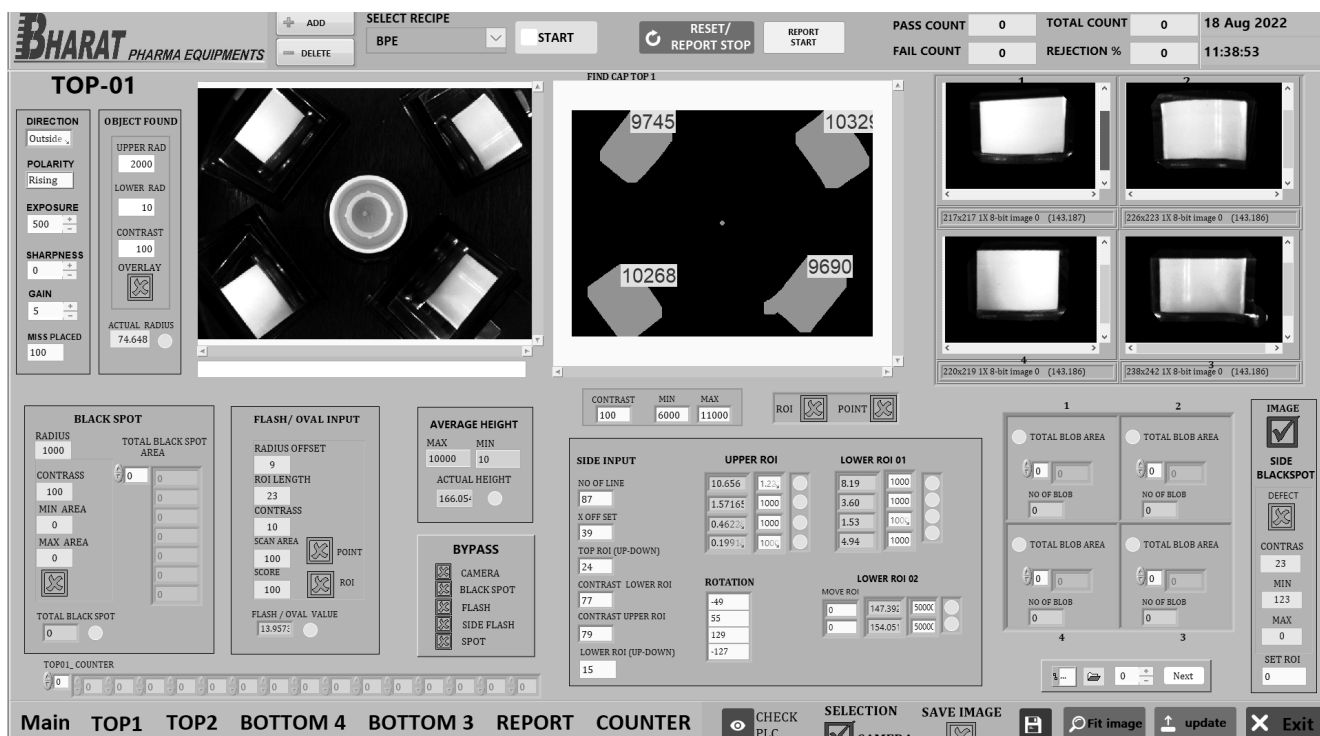
2640*2685*1990

Cap size



Any

WORKING



This is a fully automatic high-speed cap inspection machine. overall body of the machine is made from stainless steel and upper portion of the machine is covered by glass cabinet which prevent dust to enter into the machine.in this machine operator fills material to the hopper. material then elevated to rotary vibrator through elevator. rotary vibrator feeds material to feeder conveyor.in between this process inverted caps go back to the hopper then cap is faded to rotary. perfect timing operation is done through pick up roller mechanism. which gives perfect timing to capture image. 2 cameras are situated on rotary to find defects in plastic caps. work is done by four high definition cameras in which 2 of them which are situated on rotary inspects front side of the caps and also covers circular sides of the caps through 4 high quality mirrors. other 2 cameras inspects bottom sides of the cap. defects covers by camera is vertical flash, horizontal flash, blackspot and cut respectively.

now, caps then move forward to rejection station, where rejected caps are removed by air nozzle. accepted piece will goes to good piece crate for further process. all this process is done by high speed 1000 ppm state of the art mechanism.



About Us

Bharat pharma located in odhav, Ahmedabad, Gujarat. Our journey began in 1998. Our hunger to grow helped us stand out in competitive market, through innovation and service. We are specialized in design manufacturing and solution of automated vision inspection system. These system includes material handling, machine control and rejected part sorting in conjunction with camera. Since 1998 we have supplied a wide range of machine vision solution to our manufacturing customer in pharmaceutical, automotive medical device and packaging industry.



Contact us

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Joint venture companies

BHARAT ENGINEERING WORKS

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