



HEMETEK

TECHNO INSTRUMENTS PVT. LTD.

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CASE STUDY- May 2007

We are proud to announce that our Senior Service Engineer Mr. Vaibhav Mayekar has Installed 7 numbers of free fall Metal Detectors of **Model: - IQ2** at **RANBAXY LABORATORIES**. These 7 numbers of machines were installed with in record **ONE-day** time including training given to machine operators in plant.

This unit is mounted on trolley & can be easily carried to the output of the production machine & it's wheels can be locked to stand still.

This unit is simple to operate & requires Mains Power supply of 230VAC & proper zero volts AC earthing.

The unit is manufactured from stainless steel throughout to provide a hygienic, easily cleaned inspection environment.

The Loma Pharmaceutical Metal Detector is suitable for all sorts of pills. The entire unit is designed on the principle of integral hardware, which means that there are no loose parts and no tools are required for dismantling.

All product contact parts are made from high grade plastic and mirrored stainless steel to give easy cleaning and no cross contamination.

The compact unit takes up minimum system length and can be located before or after the de-duster. The gas strut allows the unit to be easily adjusted to any tablet press and a quick release clamp can adjust the angle of the product chute.





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For testing of products through this unit, first of all this unit is calibrated with the product that is to be check. After calibration it is checked by passing 3 different test pieces of metal provided by **LOMA** & they are rejected with an Electro magnetically operated flap.

When these 3 test pieces are rejected, than this unit is ready for checking actual product by passing through the unit.

The OK product is passed to the OK bin & the rejected product is collected to the rejected bin via electro magnetically operated flap at very fast matching with production rate.

Engineer's Name:- Mr. Vaibhav Mayekar