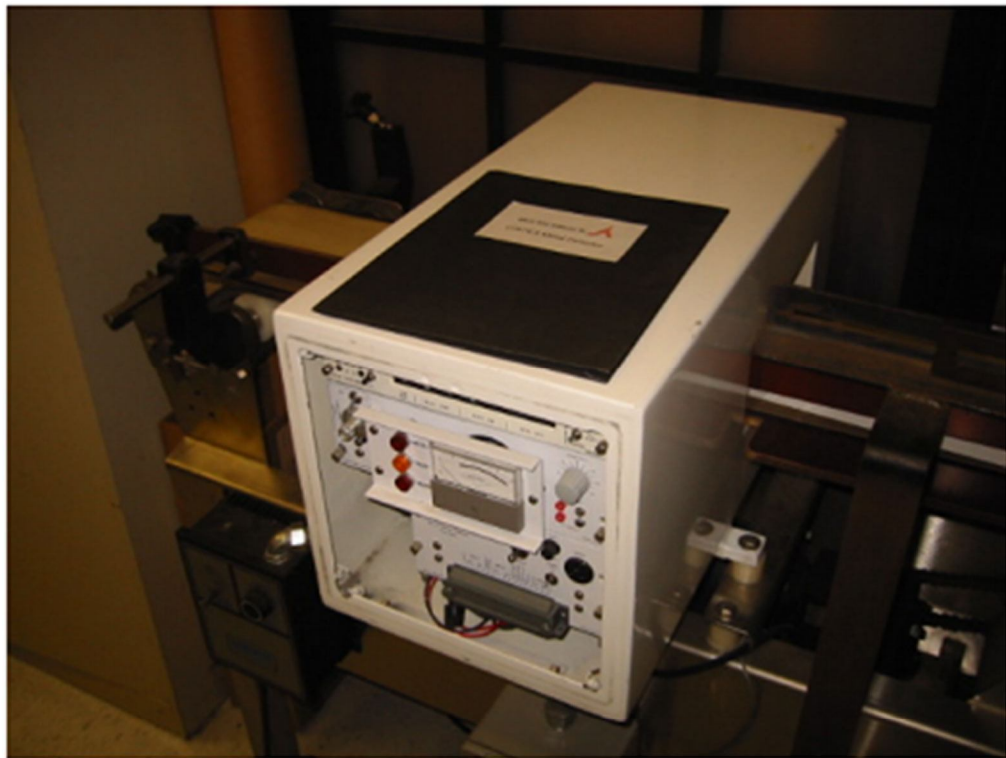


Metal Detector

We have a commercial metal detector along with sensitivity calibration samples. We take paper products that are suspected of having metal in them.

We check the entire sample, then, if metal is detected, we halve the sample and test both halves separately. If the metal is found in one half only, we then halve that sample and repeat the process until we get to a postage stamp size. Then we go to the microscope and visually find the metal. We can always find the metal. This test is very useful when filled food cartons are being rejected. We can prove the presence of metal if it is in the paperboard.

We can also manipulate the sensitivity of the metal detector to determine the level at which known metal will set off the alarm.



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