

RoboMilling

Automatic Milling Machine for Preparation of Lollipop Samples for OES

- Enhanced Productivity
- Consistent Quality
- Quick Payback
- Low Operating Expenses
- Minimum Functional Area
- Safe & Healthy Working Environment



Laboratory Automation for Reliability, Efficiency, Flexibility, Economy, Safety,...

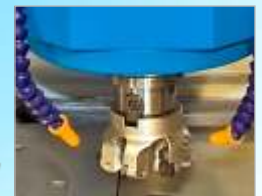
This integrated system is manufactured for preparation of Lollipop metal samples for Optical Emission Spectrometry (OES). Lollipop sample is kept on a designated place. The robot picks up the sample and loads it on an Automatic Milling Machine. The Milling Machine removes the cast raw surface to expose the bare metal surface for OES. A Machine Vision System (Camera) is used to identify and locate the faulty spots on the Lollipop samples. Robot places the machined surface of the Lollipop sample on to the designated slot of OES avoiding the faulty spots. After analysis (spark) at OES on atleast two different spots, the robot takes the Lollipop to an Ink Jet Printer (4 lines). Heat No.____, Batch No.____, Time & Date are printed on the surface of the sample.

Application Industries: **Iron & Steel** **Aluminum** **Copper**

AutoMilling

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