

PROJECT REPORT ON
ECONOMICAL ALCOHOL BREATH ANALYZER

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ABSTRACT

This project tests the concentration of Alcohol and raises the alarm. When the concentration reaches a user defined limit. This user defined Alcohol concentration is user programmable with the help of two switches.

The kit shows Alcohol concentration on a LCD display fully assembled kit. 40 pin PIC is used as brain. Our main motivation for creating the alcohol breath analyzer is to get alert from drunken people. In general, intoxicated people are usually more careless and destructive than those not under the influence. We decided to fabricate a device that wouldn't allow drunk and drivers to drive the vehicle. Preventing unforeseen incidents our breath Analyzer initiates an alarm and will not ignite the engine when a threshold concentration of alcohol is reached.