

METAL DETECTOR

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ABSTRACT

Metal detector is a device to detect metal. Metal is an electropositive element that usually has a shiny surface, is generally good conductor of heat and electricity, and can be melted or fused, hammered into thin sheets, or drawn into wires.

My metal detector is designed for home usage as it is light in weight and small in size. It is useful for detecting buried screws, wires, or even cables. So it is ideal for preventing accidents in home or useful for locating screws, wires, cable, or pipelines for any repairing.

My report consists of the construction of my project, the explanation of the circuit of a metal detector, results and analysis recorded, and some pictures and illustrations of my project. I hope that with this report, this will aid one's better understanding in my project.