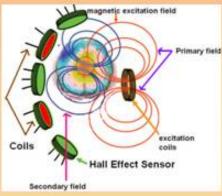


#### Inventors:

Zulkarnay Zakaria Noor Aquia Mohd Yazid Sharil Najib Ismail

#### Contact Details:

SCHOOL OF MECHATRONIC ENGINEERING, KOMPLEIS PUSAT PENGAHAN JEJAWI 2, UNIVERSITI MALAYSIA PERLIS, 02600 JEJAWI, PERLIS, MALAYSIA. TEL:+604 9798154 | FAX:+604 9798178 Email::zulkurnoy@unimop.edu.my



# MAGNETIC INDUCTION TOMOGRAPHY \$Y\$TEM

### PRODUCT OVERVIEW

Magnetic induction tomography applies the magnetic field to detect the existence of the object through reconstructed images by the use of Hall effect sensors.

#### PRODUCT DESCRIPTION

This small scale and portable imaging products consist of 4 coils and 8 Hall effect sensors. Besides its low cost and non-invasive, this product also has a better potential market.

## PRODUCT NOVELTY

The use of integrated coil — Hall effect sensors in the sensing technique.

## RESEARCH GRANT

UniMAP Short Term Grant (9001-00095)

"Fundamental Studies of Magnetic Properties in Medium Space Through Hall Effect Sensors Application"

