MAGNETIC INDUCTION TOMOGRAPHY SYSTEM

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"