

All Magnetic Solution Provider

MOBILSENS[®]
MOTION SENSING



WHO WE ARE?

D

DEVELOPMENT DIRECTION

Mobilsens is one of the most outstanding magnetic leaders in Taiwan.

- Magnetization Manufacturing System
- Magnetic Flux Measurement System
- Magnetic Field Calibration

C

CORE VALUE

Vertical integration capabilities of independent high-end magnetic technology.

Completed magnetic field calibration/professional analysis capabilities for electromagnetic measurement.

B

BUSINESS IMPLEMENT MODE

Patent authorization, sample design, mass production introduction, technical cooperation development.

Electric motor, electromagnetic torque, electromagnet magnetic field, programmable magnetic field system.

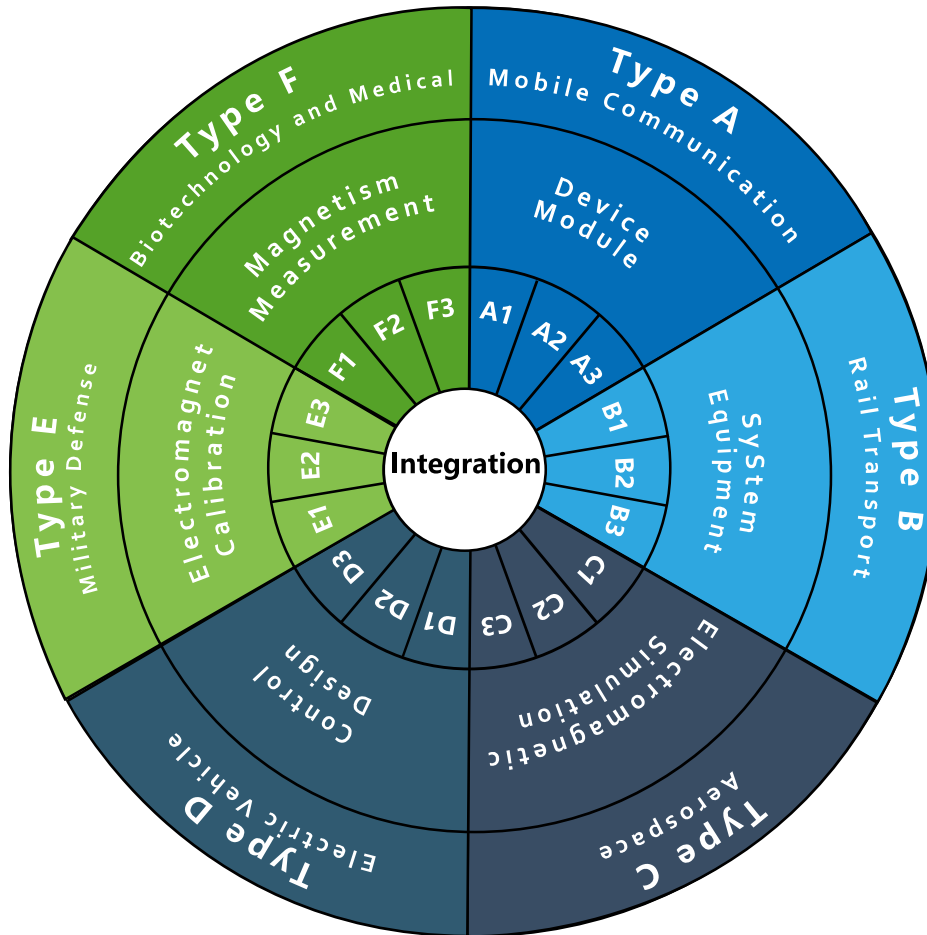
T

TECHNICAL SERVICE

Electromagnetic simulation, Magnetic property measurement, Magnetic module design, Magnetic system manufacturing.

Electromagnetic calibration system complies with IEC 60404 /ISO 17025.

WHAT WE DO?



- | |
|---------------------------|
| A1- Cell phone |
| A2- Computer |
| A3- Cloud System |
| B1- Magnetic Levitation |
| B2- Generator |
| B3- Conductive Rail |
| C1- Satellite |
| C2- Rocket |
| C3- Drone |
| D1- Accelerator |
| D2- Engine |
| D3- Motor |
| E1- Electromagnetic Field |
| E2- Geomagnetism |
| E3- Electromagnetic Waves |
| F1- Magnetic Resonance |
| F2- Antibody |
| F3- Magnetic Beads |

Note: All related products are able to support **OEM / ODM**

ELECTROMAGNET CALIBRATION & MAGNETIC MEASUREMENT LABORATORY



Magnetic Flux System

Magnetic flux meter, induction coil calibration and measurement technology services.



Reference Magnet

Uniform and stable magnetic field source for 1 Tesla, and the compensation factor with extremely low temperature.



Gauss Meter Calibration

AC and DC Gaussmeter measurement and calibration services for various brands.



DC B-H Curve System

DC soft magnetic alloy measurement according to ASTM A773.

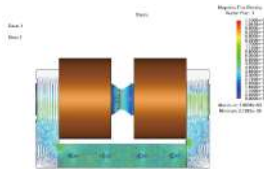


Note: Our company both have **Measurement / Calibration Service**

INNOVATION PRODUCTS

Magnetizing Equipment

Customized various magnetizers and magnetic circuit simulation magnetizing/degaussing coil analysis.



Magnetization

Eletromagnet



High Stable Electromagnet

High linearity and high precision software could control the electromagnet, especially for calibration of Gaussian measurements.

Flux Measurement System

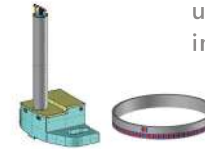
Precise magnetic flux pole measurement equipment Multi-magnetic pole angle automatic control program.



Flux Measurement

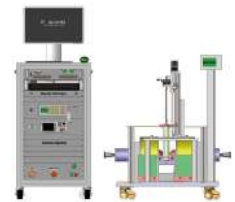
Standard Calibration System

Programmed temperature intelligent control system, closed-loop control generates uniform electromagnetic field intensity.



Magnetic Encoder

Standard Calibration



Spindle Speed Sensor

High-speed turning and milling spindle angle and speed
High-speed turning and milling spindle angle and speed include sin/cos sinusoidal wave and TTL square wave.

TECHNICAL SERVICES

Our team is certified to ISO 17025 TAF Measuring & Electromagnetic Calibration Lab and IATF 16949 experience in production and manufacturing of automotive and locomotive parts, and also the implementation of ISO 9001:2015 Quality Management System specifications, we committed to providing the fields of service includes transportation, automobile and locomotive, biomedical sensing, semiconductor chips, military defense, nuclear energy and other engineering fields, continuing to innovate patents and provide customers with the best magnetic technical support and system solutions.



- ✓ Calibration : For Magnetic Flux (Density) Equipment
- ✓ Measurement : BH Curve Anysis of Hard / Soft Material, Hall Sensor mapping scan

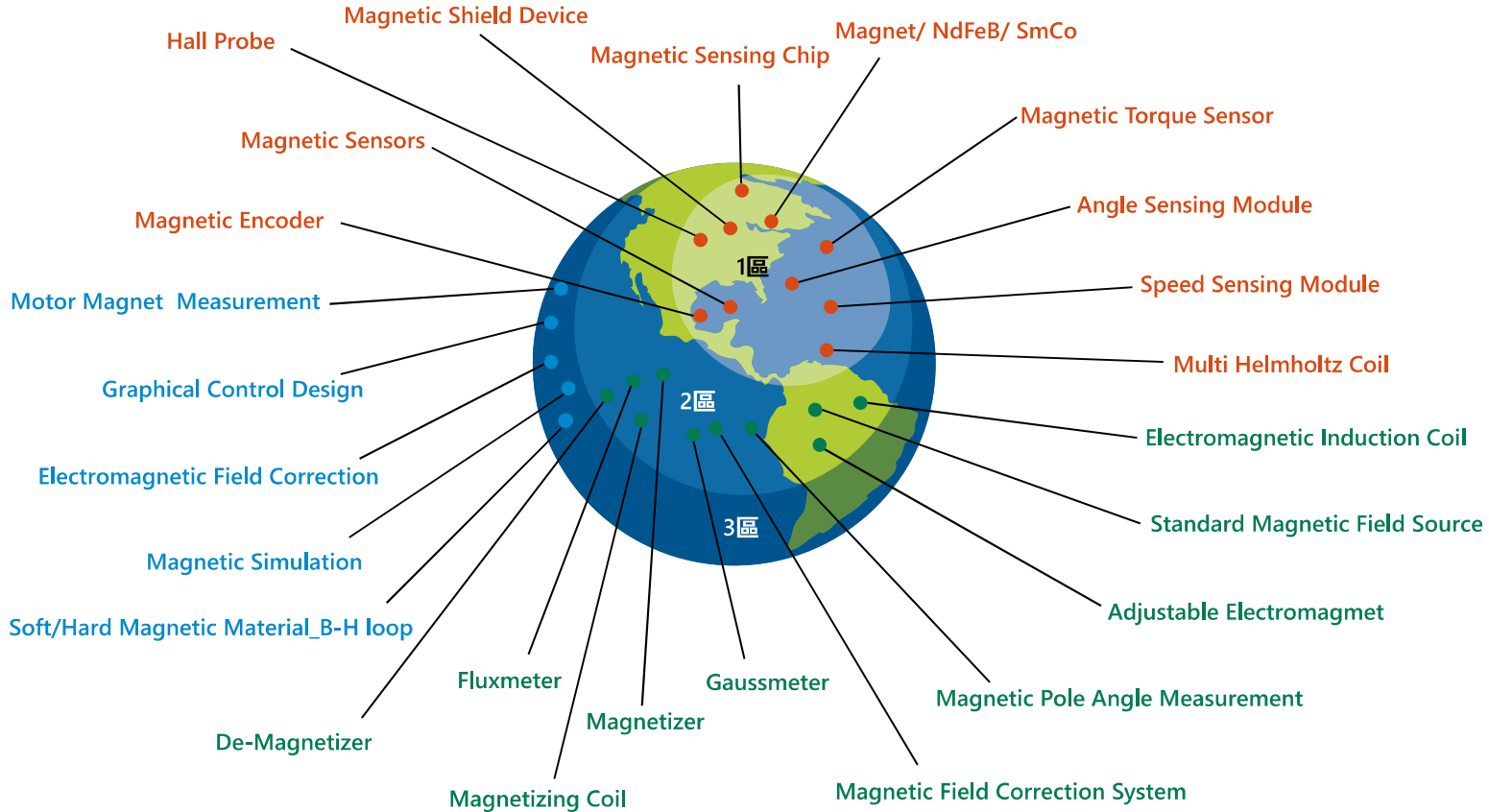
Magnetization
System

Magnetic Flux
Test System

Magnetic
Calibration System

OUR CAPABILITY

- Device / Module
- Equipment / System
- Technical / Service





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