

Target : JEOL RESONANCE Inc.

Outline : Molecular structure analysis through Nuclear Magnetic Resonance (NMR)

Authorized investment : ¥1.5 billion (maximum)

Investment
Managerial support



- Aim to become one of the world's top three NMR providers, covering development , production and services
- NMR is an indispensable tool for new product development
 - Atomic level analysis is necessary for prototype analysis in R&D for green energy, life science, and other fields
 - NMR means superconducting magnetic field generation, tens of thousands of rotations per second high speed rotation, digital high frequency processing, and other cutting-edge technologies, as well as with atomic-level material analysis
 - As costs lower and performance improves NMR is expected to be used in quality control in mass production.



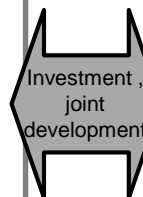
Spectrometers
(high-frequency output
analysis)



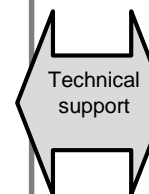
Superconducting
magnets
(Stable magnetic field generation)



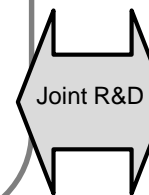
Probes
(inserted in objects to
measure substances)



Superconducting
magnet
manufacturers
(JASTEC)



NMR-related
government
R&D and
manufacturers
participating
in projects



Research facilities,
electronics
manufacturers,
etc.

Spin-off

