

AUTOMAS Probe: A solids probe with the throughput of a liquids probe

Related products: Nuclear Magnetic Resonance system

The new AUTOMAS Probe and ROTORCARRIER™ provide the superior ease of use and high throughput capability of a liquid-state NMR probe for solid-state NMR measurements.

The ROTORCARRIERTM houses a solid sample tube, and has the same external appearance as the rotor used for the liquid sample tubes. The ROTORCARRIER™ carries the solid sample from the top of the magnet to the probe, in a similar fashion to liquid sample tubes.

The AUTOMAS Probe receives the sample from the ROTORCARRIERTM, and automatically sets it at the magic angle. The AUTOMAS Probe is also equipped with an Auto-Tuning function, so that measurements can be taken with all the operations from sample insertion to rotation, temperature control, and tuning performed automatically.

The breakthrough of the AUTOMAS Probe and ROTORCARRIERTM is the ability to use the existing Auto Sample Changer as-is (1).

The combination of the AUTOMAS Probe and ROTORCARRIER™ truly delivers the operability of liquidstate NMR measurement to the world of solid-state NMR measurement⁽²⁾.

✓ Auto Tune

Can use the same Auto Sample Tuning as the liquid-state probes

√ Sample load and eject

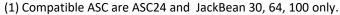
Samples can be smoothly loaded/ejected from above the magnet via the **ROTORCARRIER**TM

✓ Auto Sample Changer

The functions of the existing ASC24, JackBean 30, 64, and 100 can be used as-is







(2) Compatible with the JNM-ECZ series only. MASCONT improvements may be required in some cases.



Copyright @ 2018 JEOL Ltd.

Certain products in this brochure are controlled under the "Foreign Exchange and Foreign Trade Law" of Japan in compliance with international security export control. JEOL Ltd. must provide the Japanese Govern of Assurance" and "End-use Certificate" in order to obtain the export license needed for export from Japan. If the product to be exported is in this category, the end user will be asked to fill in these certificate forms.



