

ROYALPROBE HFx

Related products: Nuclear Magnetic Resonance Spectrometer(NMR)

The ROYALPROBE HFx is a probe for liquid samples that is the

World's first double/triple resonance probe with automatic switching between single and dual high-frequency tuning

This probe can be used with both 2-channel and 3-channel spectrometers in the JNM-ECz series.

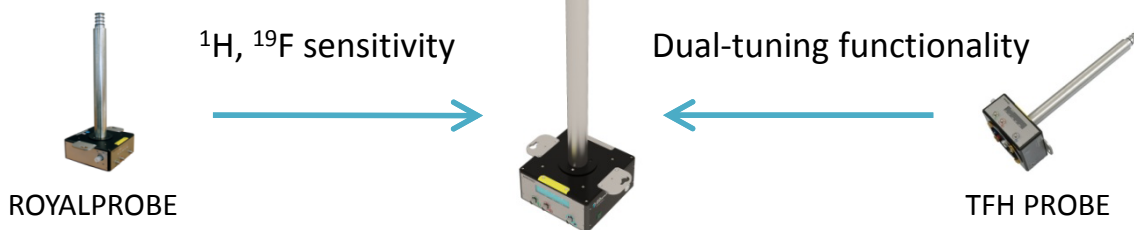
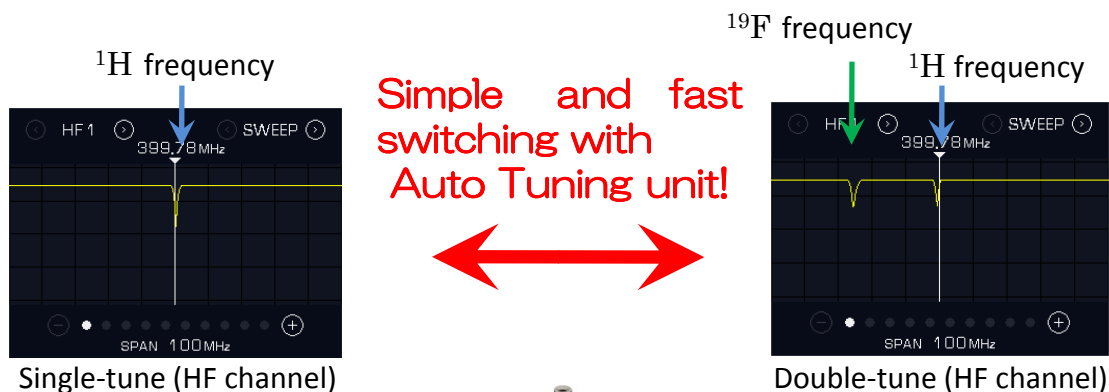
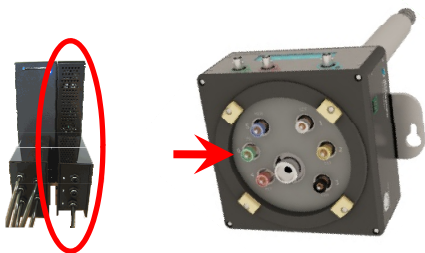
This is a single probe that achieves both

- 1. The superior ^1H and ^{19}F sensitivity of a ROYALPROBE in double-resonance experiments**
- 2. The triple-resonance functionality of a TFH probe[✳] on a 2-channel spectrometer, or a CFH probe[☆] on a 3-channel spectrometer**

✳TFH probe: a triple-resonance $^1\text{H}/^{19}\text{F}/\text{X}$ probe for 2-channel spectrometers

☆CFH probe: a triple-resonance $^{13}\text{C}/^{19}\text{F}/^1\text{H}$ probe for 3-channel spectrometers

ROYALPROBE HFx is equipped with an extended Auto Tuning unit to provide automatic control of the coils for switching between the single tuning and the dual-tuning modes in HF channel



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