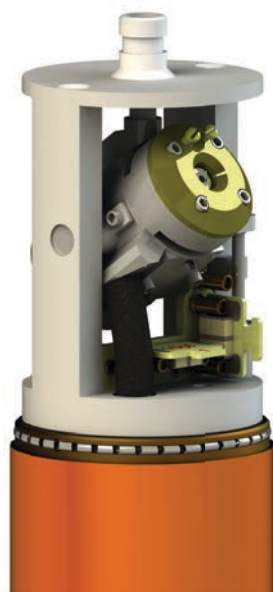


## Are you interested in doing routine solids NMR but don't need all the performance that comes with the Phoenix HXY Premium ?

Introducing the Phoenix HX probe available in rotor sizes from 1.6mm up to 6mm for 300MHz-700MHz! This affordable probe, which is about half the cost of the fully featured HXY probe, makes it easy to add solids to any existing standard bore liquids NMR system by bundling with a speed controller from PhoenixNMR.



The Proton channel can tune from  $^1\text{H}$  down to  $^{19}\text{F}$  with an optional simultaneous H&F capability. The X channel has a tuning range from  $^{15}\text{N}$  to  $^{31}\text{P}$ .



The Phoenix HX utilizes a similar VT delivery system as the Phoenix HXY Premium probe which gives minimal temperature offset and sample gradient. The probe is compatible with Jeol, Bruker, Varian/Agilent, or Tecmag NMR systems.

## PROBE COMPARISON:

| Option                     | Phoenix HXY Premium | Phoenix HX   |
|----------------------------|---------------------|--------------|
| HXY, FXY                   | ✓                   | —            |
| HFX                        | ✓                   | —            |
| HX, FX                     | ✓                   | ✓            |
| HFX                        | ✓                   | ✓            |
| LOW GAMMA                  | ✓                   | —            |
| 2H LOCK                    | ✓                   | —            |
| 1.6,3,2,4,5,6mm            | ✓                   | ✓            |
| STATIC                     | ✓                   | ✓            |
| FREQUENCY                  | 400 - >900MHz       | 300 - 700MHz |
| VT RANGE                   | -125C to +150C      | -50C to +75C |
| LOW 1H OR 19F              | ✓                   | ✓            |
| INTERCHANGEABLE PROBE HEAD | ✓                   | —            |

## Will Solid State NMR work for your application?

At PhoenixNMR we know that the right equipment will move your projects forward smoothly and we want to take the risk out of your investment in a probe. That is why for a nominal fee, you can send us your sample and we will collect data using our probe. We would also be happy to discuss having a 1 or 2 day demonstration of our probe capabilities here at our site in Colorado. If you decide to purchase a new probe within the next 12 months, that fee can be applied toward the probe purchase. Contact your sales representative or [info@PhoenixNMR.com](mailto:info@PhoenixNMR.com) for more information.

### Regional Sales Representatives

#### North America

Marty Marek - [mm@phoenixnmr.com](mailto:mm@phoenixnmr.com)

#### Europe

TalaveraScience

Paul Jonsen - [paul.jonsen@talaverascience.com](mailto:paul.jonsen@talaverascience.com)

#### Asia

JTE Vartec

Takuma Takahashi - [takuma.takahashi@vartec.co.jp](mailto:takuma.takahashi@vartec.co.jp)



**PHOENIX**  **NMR**

[www.PhoenixNMR.com](http://www.PhoenixNMR.com)

510 E. 5th Street  
Loveland CO 80537  
Tel: (970) 776-9658