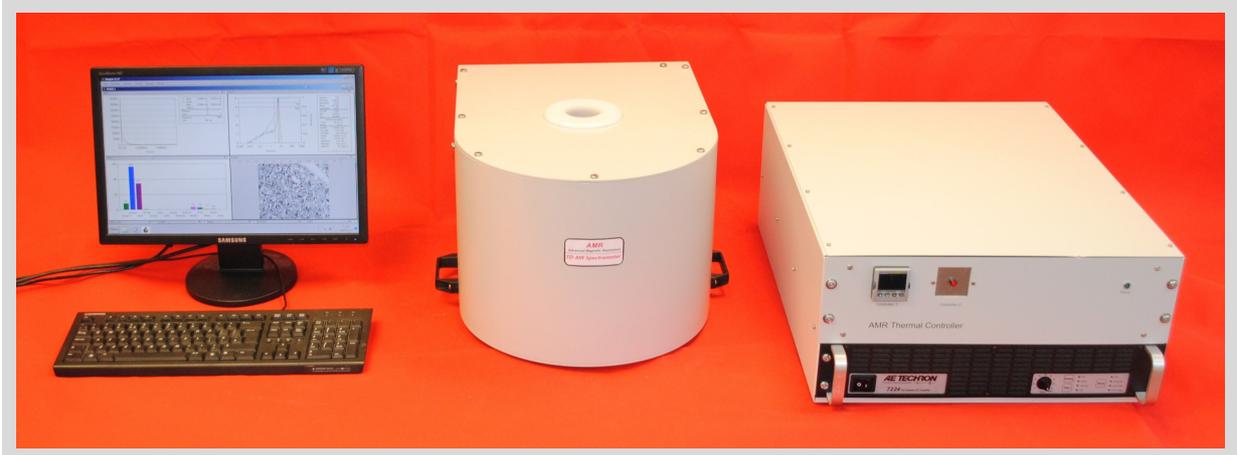


R4 TD-MR Spectrometers for Research Applications



Advanced Magnetic Resonance manufactures a range of TD-MR systems which can be used in many applications, from routine T1/T2 relaxometry to spatially resolved studies and diffusion measurements.

- *Range includes magnets ranging from 2 to 20MHz in frequency, with multi-nuclear probes allowing sample sizes from 10 mm to 75 mm available.*
- *Systems can be fitted with magnetic field gradients and sample temperature controllers.*
- *Comprehensive analysis software includes automated T1/T2 relaxometry, automated diffusion measurement, automated 1D profile acquisition, discrete and distributed exponential analysis as well as multi-modality data referencing.*
- *Fully scriptable research software allows users to create their own pulse programs and write complex scripts to facilitate the acquisition and processing of MR data.*
- *AMR's powerful R4 spectrometer is the most sophisticated available on a TD-MR system, including incrementing/shaped gradients, shaped RF pulses, unlimited loop capability, variable delay acquisition steps.*
- *Advanced emulsion characterisation applications are available through our technology partnership with Antek AS.*

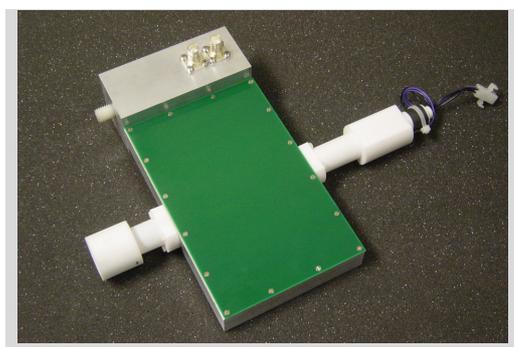
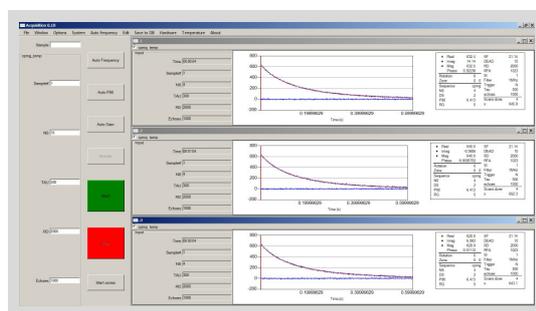
AMR

Advanced Magnetic Resonance Limited



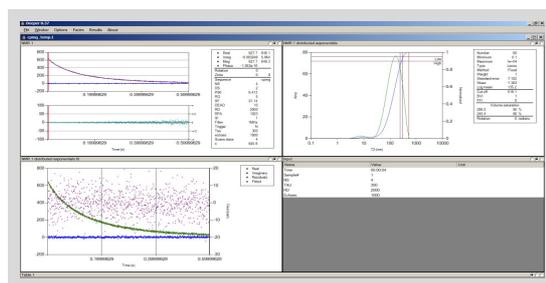
Comprehensive PC controlled TD-MR spectrometer range, including automated sample temperature control, pulsed magnetic field gradients and a range of magnet sizes and frequencies.

Acquisition software allows acquisition of T1/T2 data as a function of temperature for rapid sample characterisation. Full pulsed programmed capability, including shaped gradients, shaped RF, NMR and MRI functionality, unlimited loops.



Available probe sizes from 10mm to 75 mm depending on magnet frequency and application. ^{23}Na , ^{2}D and ^{19}F probes available with variable temperature and gradients.

Fully featured analysis software including discrete and distributed exponential fitting, and advanced emulsion applications available from Antek AS.



Contact enquiries@admagnes.com for More Information on Advanced Magnetic Resonance Products.

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