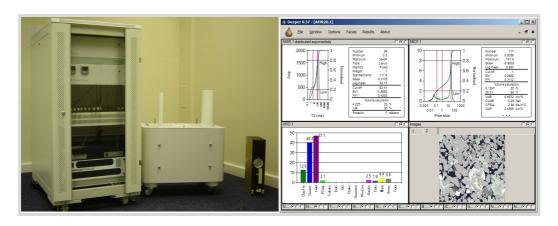


## R4 MR Core Analyzer



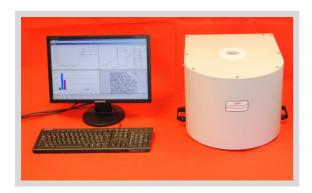
The R4 MR Core Analyzer is a complete core analysis solution for research users. Based around the powerful, best in class R4 spectrometer electronics, the R4 Analyzer is capable of all petrophysical MR studies, including bulk studies (T1 and CPMG measurements), spatially resolved studies including diffusion and oil water discrimination, saturation profiling and magnetic resonance imaging.

- Range of Magnets from 2MHz to 20MHz with Probe Sizes to Allow 1", 1.5", 2" and 3" Plugs. Optional Adaptors to Allow Smaller Plugs in Large Probes.
- 1D, 2D or 3D Magnetic Field Gradients with High Power Gradient Amplifiers.

  RF Amplifiers up to 1KW.
- Core Analysis Program Design Software Including Database. Cross Referencing to Other Techniques (such as MICP, BSEI) and Log Data. Software Implements Common Permeability Models and T2 Distribution Partitioning.
  - Industry Standard BRD Inversion Algorithm for Multi Dimensional Analysis.
  - Complete Set of Calibration Standards for Accurate Porosity Measurements.

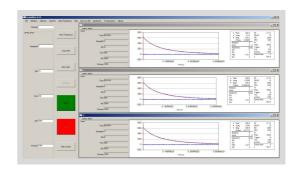
    Complete Set of Core Holders for Specified Probes.
    - Probes Compatible with Reservoir Conditions Core Holders.
    - Comprehensive Programming Language Allows the Creation of Pulse Sequences, Including Shaped Gradients, Shaped RF and Non Linear Echo Acquisition.

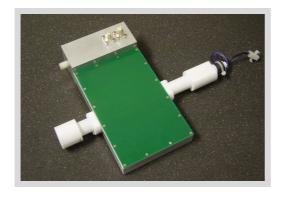




Both entry level (R2) and research level (R4) analyzers are available. Research range includes additional magnets (vertical or horizontal), probe sizes and magnetic field gradients for spatially resolved measurements

Acquisition software allows acquisition of T1/T2 (CPMG data) for porosity determination, estimating permeability and porosity typing (ie clay bound water, macro, micro and meso pores).





Available probe sizes from 1" to 3", complete with core holders and standards to provide a complete core analysis solution.

Fully featured analysis software allows report generation, data export to spreadsheet, multi modality cross referencing (eg MICP or BSEI images) as well as integration of special core analysis parameters.



## Contact enquiries@admagres.com for More Information on AMR Products.