

Advanced Magnetic Resonance Limited

R2 MR Core Analyzer



The R2 MR Core Analyzer is a complete core analysis solution for the non expert user. In minutes new users unfamiliar with Magnetic Resonance can use the R2 MR Core Analyzer to produce porosity measurements, porosity partitioning and permeability modelling on a suite of cores, and produce a complete automated report using the AMR software. The R2 MR Core Analyzer comes equipped with everything the user needs to start performing core analysis experiments. Just add a Host PC, and, of course, the cores.

- Low Cost, Entry Level Complete Core Analysis Solution Capable of Routine Core Analysis Experiments including CPMG (T2) and T1 Measurements.
 - 2MHz Magnet with Probe Size to Allow 1", 1.5" and 2" Cores. Optional Adaptors to Allow Smaller Cores in Large Probes.
- 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.
 - Complete Set of Calibration Standards for Accurate Porosity Measurements. Complete Set of Core Holders for Specified Probes.

Advanced Magnetic Resonance Ltd, Culham Innovation Centre, D5 Culham Science Centre, Abingdon, Oxford, United Kingdom. Telephone: +44 1865 408375 - Fax: +44 1865 408301- Email: enquiries@admagres.com



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Both entry level (R2) and research level (R4) analyzers 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).





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. Available probe sizes from 1" to 2", complete with core holders and standards to provide a complete core analysis solution.



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

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