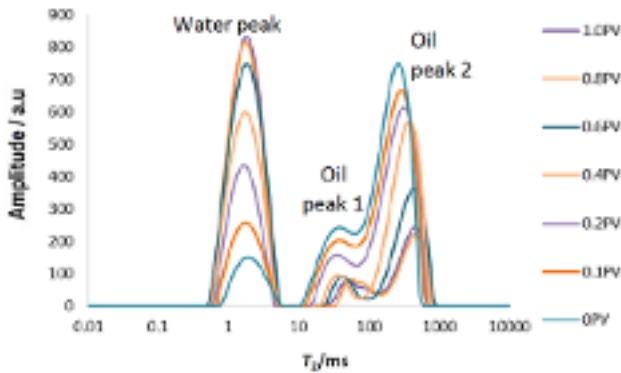


# Rock Core NMR-MRI Analyzer

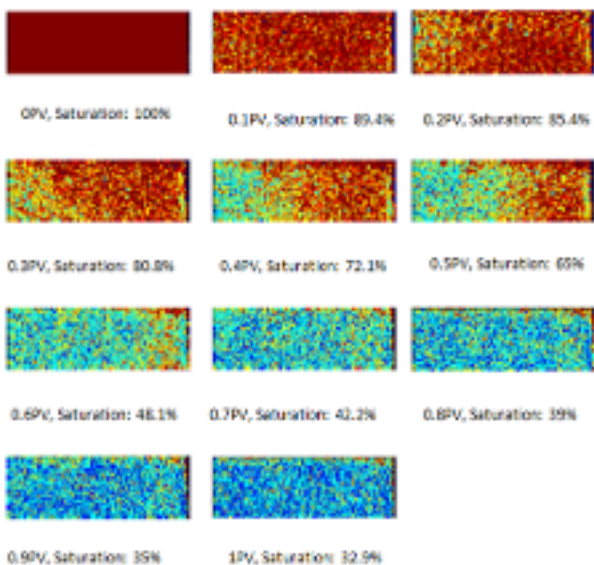


MesoMR is a powerful Imaging and Analyzing System equipped with many hardware modules independently-developed by Niumag, such as a Low Temperature-High Pressure System (LTHP) and High Temperature-High Pressure System (HTHP), this makes MesoMR is suitable for research under various temperature and pressure conditions, covering a wide range applications from food and agriculture, life science, polymer materials to geological research and energy exploration.



## ROCK CORE NMR-MRI ANALYZER

- Movable fluid saturation determination;
- Mechanism of oil displacement;
- Pore size distribution of rock;
- Water saturation determination;
- Porosity;
- Free/irreducible fluid saturation;
- Mechanism of water flooding;
- The influence of overburden pressure on porosity and permeability;
- Exploration and development of Gas field



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