

Magnometer XRS

A POWERFUL ADVANCEMENT IN PARTICLE CHARACTERIZATION AND SURFACE ANALYSIS OF DISPERSIONS



Innovative and versatile



Separate magnet/probe assembly pod
Easily exchangeable for different nuclei (^7Li , ^{19}F , ^{31}P), and features remote operation up to 30m for use in hazardous environments



Highly-customizable pulse sequencing
Phase cycling, composite pulses, two channel RF, and 3D shaped gradients



Uses regular length NMR tubes
Four diameters available, from 2mm (high resolution) to 8mm (low resolution)



Simple & intuitive software
Easy to use and upgrade, with dedicated dual-core ARM9 processor running Debian

Unparalleled Analysis Unmatched Functionality & Performance

All industrially relevant concentrations

- Solid-liquid ratio
- Nanoparticle kinetic processes
- Highly paramagnetic species
- Polymers - solutions and melts
- Surfactant and polymer absorption
- Wetted surface area

MAGELEKA INC - Magnometer XRS NMR Relaxometer 1.0

Home

Sample details

Run options

Print or save

Not Ready

Enter your sample information here

Sample ID: Batch B1094/2 ✓

Solid Phase: Micronized RA312 ✓

Liquid Phase: Isotonic saline ✓

Concentration (v/v): 0.24 ✓

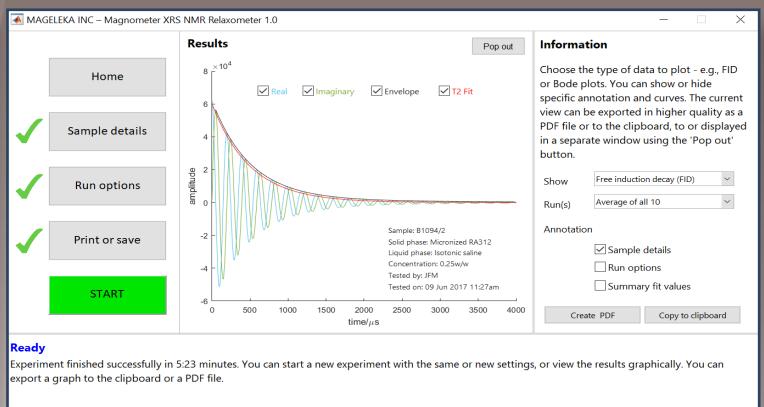
Tested by: JFM ✓

Notes:

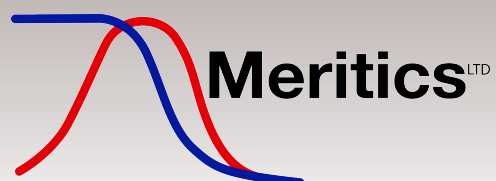
Information

Use the controls on the left to specify information about the sample being tested. The concentration is required for specific surface area calculations and needs to be expressed as the mass fraction of solids between 0 and 1. Use Calculator to convert to mass fraction from other units such as volume fraction.

Attention
You haven't entered all the information required to make a measurement. Please review the items indicated with the red exclamation marks. The Start button will turn green when all the required information has been entered correctly.



MAGELEKA, Inc.
1319 N. New York Avenue
Winter Park, FL 32789 USA



Meritics Ltd.
www.meritics.com
info@meritics.com
01582 704807