Conduct Science, Inc. · 5250 Old Orchard Rd, Suite 300, Skokie, IL 60077
info@conductscience.com · +1 847 983 3672

Specifications

Relaximetry NMR Contrast Agent Analyzer

A 0.5 T benchtop relaxometer that measures T1 and T2 of contrast agent solutions with magnet temperature control.

Buying it

Lead time	Made to order. Your quotation gives the lead time.
Price	Your quotation gives the price of the system and of its delivery, installation and training at your lab. The quoted price includes 12 months of Standard Care, the service plan that comes with every purchase.
Included	Your quotation lists the hardware, coils and software that come with the system.
Firm quotation	The final quotation your purchase order will cite. It confirms the price, the lead time and what comes with the system.
Country of origin	China. We import the system, then deliver and install it at your lab.

Technical specifications

Magnet	Permanent, 0.50 ± 0.01 T (about 21 MHz proton frequency)
Field uniformity	≤ 30 ppm
Field stability	≤ 300 Hz per hour
Magnet temperature	Adjustable from 25 to 35 °C
Probe coil	20 mm inner diameter
Minimum echo time	100 µs
Relaxation	Echo trains of up to 18,000 echoes
RF	1 to 30 MHz pulse frequency, 0.1 Hz frequency control, 10 ns pulse accuracy, above 300 W amplifier, 5,000 kHz bandwidth

What your lab provides

Your lab pays for any room alterations and electrical work.

The site planning sheet gives the sizes, weights and room values for your facilities team.

From conductscience.com/lab/relaximetry-nmr-contrast-agent-analyzer. Specifications checked on November 7, 2026.