

PQ001 Spin Finish NMR Analyzer



PQ001 NMR Analyzer was launched in 2008. After years of upgrade, PQ001 has many advantages such as small size, high precision, good repeatability, good stability and excellent cost/benefit characteristics. PQ001 has been widely used in the determination of oil content of textile fiber .

Basic parameters:

1. Magnet type: permanent magnet;
2. Magnetic field intensity: $0.5 \pm 0.08T$;
3. Probe coil: $\varnothing 25mm$;



Work Flow



Calibration (F factor)

- 3 calibration standards



Temper Samples

- Parallel tempering



Run Measurement

- Fast: 2~10s per sample



Results

- Precise and traceable

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- Test accuracy: 0.1% error for 5% oil content; 0.02% error for 0.5% oil content;
- Repeatability: Relative standard deviation less than 2%;
- Test limitation: 0.01% for 1 gram of sample;
- Compliance with national standards: GB/T 6504-2008;
- User friendly Windows XP operation system and easy-to-use software; operating personnel can operate easily even with no training; multi-language.



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