

## PQ001 NMR Analyzer NMR Relaxometry

### PRODUCT DESCRIPTION

The PQ001 NMR Analyzer was launched in 2008. After years of upgrading, PQ001 has many advantages such as small size, high precision, good repeatability, good stability and excellent cost/benefit performance. Based on these advantages, PQ001 has been widely used in the determination of oil & moisture content and Solid Fat Content, in food & agriculture areas.

### Basic parameters:

1. Magnet: permanent magnet;
2. Magnetic field intensity:  $0.5 \pm 0.08T$
3. Probe:  $\varnothing 25mm$
4. Size (LxWxH): 1685mm×520mm×386mm;
5. Weight: 134Kg;

### Functionss:

1. Determination of oil /moisture content;
2. Determination of solid fat content;
3. Quantitative analysis of water phase;
4. Relaxation analysis of  $T2^*$ ,  $T2$  and  $T1$ ;

