

RFID Low Frequency Tester

Overview

The RFID Low Frequency Tester is specially designed to test the resonance **Frequency & Q value** of **125KHz, 134.2KHz** cards & tags. Thanks the new inductive measurement technology, the testing results can be shown on LCD immediately. Meanwhile, can tell whether the Frequency and Q value is in the qualified range or not.



As we known, Frequency & Q value are 2 key parameters for RFID products. The Proper Frequency & Q value indicates the good design for RFID antenna and transponder.

For RFID cards/tags manufacturers, it's helpful to test and tune the products in order to capture opportunities timely. The RFID system integrator, card/tag issuer, end user, can use this portable device to perform on-site testing.



This device supports various tags/transponders working on a Frequency of 125K/134.2KHz. A further plus of this device is that the testing results can be easily imported to computer for further analysis and statistics. We believe that it is an essential testing tool in RFID industry.

Application

- RFID Card R&D, Manufacturer
- RFID Card/Tag's System Integrator
- RFID Tag/transponder R&D, Manufacturer
- RFID Tag's Issuer, industrial end-user.

Feature

- Accurate and High Efficiency
- Portable and Multi-functional
- Easy Operation and Maintenance

Specification

RFID Frequency and Protocol	125KHz / 134.2KHz, ISO 11784, ISO 11785 etc.		
Frequency Testing Range	50 – 200KHz	Q Value Testing Range	0--999
Frequency Pre-Setting Range	50 – 200KHz	Q Value Setting Range	0--999
Frequency Testing Tolerance	$1 \times 10^{-3} \pm 5$ character	Q Value Test Tolerance	$\leq 7\%$
Power Supply	220V $\pm 10\%$, 50Hz	Consumption	10W
Outline Dimension	240*180*100mm (L*W*H)	Net Weight	1.4 KG
Optional Configuration	With PC Port (for easy connection and data transfer to the computer)		

