

RFID High Frequency Tester

Overview

This RFID HF Tester is specially designed to test the resonance **Frequency & Q value** of RFID cards and 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 design new products and capture opportunities timely. The RFID system integrator, card/ticket issuer, end user or agencies can use this portable device to perform on-site testing.

This device supports various protocols for HF 13.56MHz, such as ISO 14443 Type A, ISO 14443 Type B, ISO 15693 and supports also the 8.2MHz generally used for EAS label and resonant components. 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 Tag R&D, Manufacturer
- ✧ RFID Card, System Integrator
- ✧ RFID Card & Label Issuer, End User

Main Advantages

- Accurate for the High Efficiency testing
- Portable and Multi-functional
- Easy Operation and no Maintenance

Specification

RFID Frequency and Protocol	➢ 13.56 MHz: ISO 14443 Type A & B ; ISO 15693		
	➢ 8.2 MHz for EAS		
Frequency Testing Range	1--30MHz	Q Value Testing Range	0--999
Frequency Pre-Setting Range	1--30MHz	Q Value Setting Range	0--999
Frequency Testing Tolerance	$1 \times 10^{-3} \pm 1$ 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)		