

ZN1188 Cabinet Shielding Effectiveness Westing S|vwem - Prrgxfw

Gdwdvkhhw

Pdqxidfwxuhu: Beijing Daze Technology Co., Ltd.



1. Product Overview

Model: ZN1188
Type: Cabinet Shielding Effectiveness Testing System
Test Frequency Points: 14kHz, 100kHz, 150kHz, 200kHz, 1MHz, 15MHz, 100MHz, 450MHz, 950MHz, 3GHz, 6GHz, 10GHz, 18GHz, 26GHz, 35GHz, 39.5GHz

The ZN1188 Cabinet Shielding Effectiveness Testing System is composed of several independently operating power sources and transmit/receive antennas, designed to evaluate the electromagnetic shielding effectiveness of shielding enclosures. The system can generate field strengths greater than 70dB for magnetic fields and greater than 90dB for electric fields at the specified distances (0dB = 1μV). It meets the requirements of **GJB 5792A-2021** and **GB/T 39278-2020** standards, among others. The minimum measurable cabinet size is 300mm × 300mm × 300mm.

The product is patented under the patent number ZL 2009 1 0090031.X.

2. Technical Specifications

Parameter	Specifications
Operating Temperature	0°C to 40°C
Relative Humidity	40°C (20% to 90% RH)
Atmospheric Pressure	86 to 106 kPa
Frequency Stability and Accuracy	14kHz, 100kHz, 150kHz, 200kHz, 1MHz, 15MHz, 100MHz, 450MHz, 950MHz: 1% 3×10 ⁻⁶
	3GHz, 6GHz, 10GHz, 18GHz, 26GHz, 35GHz, 39.5GHz: 0.01% 3×10 ⁻⁸
Dimensions	200 × 100 × 100 mm
DC Operating Time	Approx. 4 hours

3. Electromagnetic Field Strength and Reception Levels

Frequency	Antenna Distance (cm)	Reception Level (dBμV)
14kHz	60	≥70
100kHz	60	≥70
150kHz	60	≥70
200kHz	60	≥70
1MHz	60	≥70
15MHz	60	≥70
100MHz	200	≥90
450MHz	200	≥90
950MHz	200	≥90
3GHz	200	≥90
6GHz	200	≥90
10GHz	200	≥90
18GHz	200	≥90
26GHz	200	≥90
35GHz	200	≥90
39.5GHz	200	≥90

4. Included Accessories

Item	Quantity
Loop Antennas	1 unit each for 14kHz, 100kHz, 150kHz, 200kHz, 1MHz
Dipole Antennas	1 pair each for 100MHz, 450MHz, 950MHz
Horn Antennas	1 unit each for 3GHz, 6GHz, 10GHz, 18GHz, 26GHz, 35GHz, 39.5GHz
Cables	N-J5 to N-J5 cable (5m), K-K low-loss cable (1m), N-N low-loss cable (2m)
Tripods	2 units
DC Power Cable	1 long, 1 short
Adapter	1 unit

Item	Quantity
Measuring Tape	1 unit
12V Charger	1 unit
12V Rechargeable Battery	2 units

5. Warranty

- **Duration:** 18 months from the date of shipment.
- **Conditions:** Covers manufacturing defects and failures under compliant transportation and usage conditions.

6. Product Photo



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