

# ELECTRONIC MEASUREMENT INSTRUMENTS

Microwave/Millimeter-wave Measurement Instruments

Basic Measurement Instruments

Opto-Electronic Measurement Instruments

Automatic Test System Solutions

Microwave/ Millimeter-Wave Components





## **CEYEAR TECHNOLOGIES CO., LTD**

### About Us

Ceyear Technologies Co., Ltd has been committed to providing customers with precise, high quality electronic measurement instruments and services over the last 50 years.

Now we have become one of the largest manufacturers of electronic test and measurement equipment in the world. We supply electronic measurement instruments with frequency up to 500GHz, such as signal generators, signal analyzers, network analyzers, power meters and microwave components, which can be used for electronic test and measurement in aviation industry, material test and communications upgrading. We, as an important partner of electronic industry, network operators and public laboratory, provide comprehensive solutions on the basis of perfect products, including simulation and analysis of complex electromagnetic signal, construction and maintenance of optical fiber communications network, construction and maintenance of wireless communications network, and establishment of general laboratory.

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**Signal Generators**



Signal Generators

**1466C/D/E/G/H/L/N/P  
Signal Generator**

Frequency Range	100kHz~13GHz(1465C) 100kHz~20GHz(1465D) 100kHz~33GHz(1465E)	100kHz~45GHz(1465G) 100kHz~53GHz(1465H) 100kHz~67GHz(1465L)	100kHz~53GHz(1465N) 100kHz~53GHz(1465P)
Frequency Resolution	0.001Hz		
SSB Phase Noise	-145dBc/Hz@10kHz offset at 1GHz Carrier -132dBc/Hz@10kHz offset at 10GHz Carrier -161dBc/Hz@30MHz offset @20GHz Carrier		
Maximum Output Power	+27dBm@5GHz +24dBm@20GHz +25dBm@30GHz +22dBm@60GHz		
Modulation Type	AM, FM,Phase Modulation, and Pulse Modulation		
Channel Numbers	Maximum support 2 Channels		



Signal Generators

**1466C/D/E/G/H/L-V  
Signal Generator**

Frequency Range	6kHz~13GHz(1466C-V) 6kHz~53GHz(1466H-V)	6kHz~45GHz(1466G-V) 6kHz~33GHz(1466E-V)	6kHz~20GHz(1466D-V) 6kHz~67GHz(1466L-V)
Internal Modulation Bandwidth	Maximum 2GHz Modulation Bandwidth		
External Modulation Bandwidth	Maximum 5GHz Modulation Bandwidth		
EVM	EVM<0.4%(QPSK@2GHz Carrier) 5G NR ACPR<-55dBc@2GHz Carrier 5G NR ACPR<-45dBc@42.5GHz Carrier		
SSB Phase Noise	-145dBc/Hz@10kHz offset at 1GHz Carrier -132dBc/Hz@10kHz offset at 10GHz Carrier -161dBc/Hz@30MHz offset @20GHz Carrier		
Channel Numbers	Maximum support 2 Channels		



Signal Generators

# 1465C/D/F/H/L Signal Generator

Frequency Range	100kHz~10GHz(1465C) 100kHz~50GHz(1465H)	100kHz~20GHz(1465D) 100kHz~67GHz(1465L)	100kHz~40GHz(1465F)
Frequency Resolution	0.001Hz		
SSB Phase Noise	(1GHz carrier): <-142dBc/Hz@10kHz		(10GHz carrier): <-126dBc/Hz@10kHz
Maximum Output Power	1W@20GHz Sweep Mode: Step Sweep, List Sweep, Analog Sweep, Power Sweep		
Modulation Type	Analog modulation, Pulse modulation and Narrow Pulse Modulation		



Signal Generators

# 1465C/D/F/H/L-V Signal Generator

Frequency Range	100kHz~10GHz(1465C-V) 100kHz~50GHz(1465H-V)	100kHz~20GHz(1465D-V) 100kHz~67GHz(1465L-V)	100kHz~40GHz(1465F-V)
Internal Modulation Bandwidth	120, 200MHz		
External Modulation Bandwidth	2GHz		
EVM	< 1.4%(4Msps) in full frequency		
SSB Phase Noise	(10GHz carrier): <-126dBc/Hz@10kHz		
Arbitrary wave data of five storage formats	Mat-File 5, ASCII, Binary, Cap, CSV, can be directly downloaded and played, with 2G sample memory depth.		



Signal Generators

# 1435A/B/C/D//F Signal Generator

Frequency Range	9kHz~3GHz(1435A) 9kHz~40GHz(1435F)	9kHz~20GHz(1435D) 9kHz~12GHz(1435C)	9kHz~6GHz(1435B)
Frequency Resolution	0.001Hz		
SSB Phase Noise	-101dBc/Hz@10kHz offset at 10GHz Carrier		-116dBc/Hz@10kHz offset at 10GHz Carrier
Maximum Output Power	20dBm@20GHz		
Modulation Type	AM,FM,Phase Modulation and Pulse Modulation		



Handheld Spectrum Analyzer

# 1433 Handheld Spectrum Analyzer

Frequency Range	100kHz~10GHz(1465C) 100kHz~67GHz(1465L)	100kHz~50GHz(1465H) 100kHz~40GHz(1465F)	100kHz~20GHz(1465D)
Frequency Resolution	0.001Hz		
SSB Phase Noise	(1GHz carrier):<-142dBc/Hz@10kHz		(10GHz carrier):<-126dBc/Hz@10kHz
Maximum Output Power	1W@20GHz Sweep Mode: Step Sweep, List Sweep, Analog Sweep, Power Sweep		
Modulation Type	Analog modulation, Pulse modulation and Narrow Pulse Modulation		

Signal/Spectrum Analyzers



Signal/Spectrum Analyzers

4082B/D/E/F/H/L/N/P  
Signal/Spectrum Analyzer

Frequency Range	10MHz~8.4GHz(4082B) 10MHz~45GHz(4082F) 10MHz~90GHz(4082N)	10MHz~18GHz(4082D) 10MHz~50GHz(4082H) 10MHz~110GHz(4082L)	10MHz~26.5GHz(4082E) 10MHz~67GHz(4082L)
Signal Analysis Bandwidth	Maximum 2GHz Analysis Bandwidth		
SSB Phase Noise(1GHz carrier)	-125dBc/Hz@1kHz offset at 1GHz Carrier		-134dBc/Hz@10kHz offset at 1GHz Carrier
DANL	-154dBm/Hz@1GHz Carrier		-167dBm/Hz@1GHz Carrier (Pre-amplifier ON)
Abundant function options	Vector Signal Analysis, Real-time Spectrum Analysis, Noise Figure Analysis, Phase Noise Measurement, FMCW and WLAN Signal Measurement etc.		



Signal/Spectrum Analyzers

4052A/B/C/D/E/F/G/H  
Signal/Spectrum Analyzer

Frequency Range	10MHz~4GHz(4052A) 10MHz~18GHz(4052D) 10MHz~45GHz(4052G)	10MHz~8GHz(4052B) 10MHz~26.5GHz(4052E) 10MHz~50GHz(4052H)	10MHz~13.6GHz(4052C) 10MHz~40GHz(4052F)
Resolution Bandwidth	Maximum 1.2GHz Analysis Bandwidth		
SSB Phase Noise(1GHz carrier)	-122dBc/Hz@10kHz offset at 1GHz Carrier		
DANL	-154dBm/Hz@1GHz Carrier		-165dBm/Hz@1GHz Carrier(Pre-amplifier ON)
Phase Noise Measurement, Real-Time Spectrum Analysis Measurement, FMCW and WLAN Signal Measurement			



Signal/Spectrum Analyzers

# 4042 Series Spectrum Analyzer

Frequency Range	9kHz~9GHz	9kHz~20GHz
Real-Time Analysis Bandwidth	40MHz	
Resolution Bandwidth	1Hz to 20MHz	
SSB Phase Noise(1GHz carrier)	-113dBc/Hz@10kHz offset at 1GHz Carrier -108dBc/Hz@10kHz offset at 10GHz Carrier	
DANL	≤-163dBm/Hz (10MHz~2GHz, Pre-amplifier ON, Typical)	
Various measurement functions: spectrum analyzer, interference analyzer (spectrogram, RSSI), AM/FM/PM analyzer, channel scanner, high accuracy power meter, signal analyzer etc.		

## Network Analyzers



Network Analyzers

# 3674B/C/D/E/F/G/H/K/L/N/P Vector Network Analyzer

Frequency Range	10MHz~9GHz(3674B) 10MHz~26.5GHz(3674E) 10MHz~50GHz(3674H) 10MHz~90GHz(3674N)	10MHz~14GHz(3674C) 10MHz~32GHz(3674F) 10MHz~53GHz(3674K) 10MHz~110GHz(3674P)	10MHz~20GHz(3674D) 10MHz~44GHz(3674G) 10MHz~67GHz(3674L)
Frequency Resolution	0.1Hz		
Dynamic Range	102dB (10 ~ 50MHz) 141dB (1 ~ 2GHz) 139dB (10 ~ 16GHz) 134dB (30 ~ 32GHz) 118dB (50 ~ 60GHz)	124dB (50 ~ 500MHz) 142dB (2 ~ 4GHz) 138dB (16 ~ 26.5GHz) 135dB (32 ~ 40GHz) 116dB (60 ~ 64GHz)	137dB (0.5 ~ 1GHz) 142dB (4 ~ 10GHz) 137dB (26.5 ~ 30GHz) 128dB (40 ~ 50GHz) 114dB (64 ~ 67GHz)
IF Bandwidth	1Hz to 30MHz		
Interface Type	LAN,GPIB,USB		
Various Functions	Time-Domain, True-Differential, Mixer/Converter Test, Gain Compression, Spectrum Analysis, Noise Figure Analysis and Pulse Measurement		





Network Analyzers

# 3657A Vector Network Analyzer

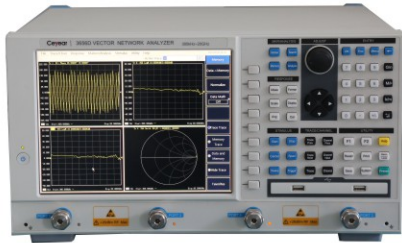
Frequency Range	9kHz/100kHz to 4.5GHz/9GHz (3657A/B/AM/BM)	100kHz to 9GHz (3657BS)
Dynamic Range	98dB (9kHz ~ 100kHz) 110dB (100kHz ~ 10MHz) 140dB (10MHz ~ 6GHz) 136dB (6GHz ~ 9GHz)	100dB (100kHz ~ 10MHz) 130dB (10MHz ~ 6GHz) 126dB (6GHz ~ 9GHz)
IF Bandwidth	1Hz to 2MHz	
Maximum Output Power	0dBm, Typical: +3dBm (9kHz ~ 100kHz) 10dBm, Typical: +13dBm (100kHz ~ 9GHz)	10dBm (100kHz ~ 9GHz)
Interface Type	LAN, GPIB, USB	



Network Analyzers

# 3671B/C/D/E Vector Network Analyzer

Frequency Range	100kHz to 9GHz(3671B) 100kHz to 26.5GHz(3671E)	100kHz to 14GHz(3671C) 10MHz to 40GHz	100kHz to 20GHz(3671D)
Frequency Resolution	0.1Hz		
Minimum Output Power	-60dBm		
Power Sweep Range	≥60dB		
System Dynamic Range	90dB (10MHz ~ 50MHz) 128dB (1GHz ~ 10GHz)	98dB (50MHz ~ 250MHz) 122dB (10GHz ~ 20GHz)	115dB (250MHz ~ 1GHz)



Network Analyzers

# 3656A/BA/B/D Vector Network Analyzer

Frequency Range	100kHz~3GHz(3656A) 100kHz~8.5GHz(3656B)	100kHz~6.8GHz(3656BA) 300kHz~20GHz(3656D)
Dynamic Range	up to 125dB,suitable for accurate measurement of high suppression ratio devices	
	75Ω testing port impedance option, suitable for cable TV components measurement	
	Provide 64 independent testing channels	
	Measurement Functions:Ripple test,Bandwidth test,Limits test,Time Domain Analysis, 4-port test and Fixture Simulation, etc.	
Interface Type	LAN, GPIB, USB	



Network Analyzers

# Mechanical Calibration Kits

Frequency Range	DC to 67GHz(coaxial series)	2.6GHz to 500GHz(waveguide series)
	Abundant models and types	
	High Calibration Accuracy and Excellent Repeatability	



Network Analyzers

# Electronic Calibration Kits

Frequency Range	300MHz to 8.5GHz(20404EZ) 300kHz to 18GHz(20402) 10MHz to 50GHz(20404)	10MHz to 26.5GHz(20403) 10MHz to 67GHz(20409)	10MHz to 20GHz(20405)
Max. Damage Level	+10dBm		
Easy Connection, Fast Calibration			
USB interface for communication and power supply			

## Microwave Power Meter



Microwave Power Meter

# 2438CA/CB/PA/PB Microwave Power Meter

Frequency Range	9kHz~750GHz(sensor dependent)
Pulse Power Range	-40dBm~+20dBm(2438PA/PB)
CW Power Range	-70dBm~+50dBm(sensor dependent)
Video Bandwidth	≥30MHz(2438PA/PB)
Display Resolution	1 dB to 0.001 dB in Log mode 1 to 4 digits in Linear mode
Calibration	1.000mW(1±1.0%)
CW power sensor or Peak Power sensor can be configured	



Microwave Power Meter

# 71710 Series CW Power Sensor

Frequency Range	9kHz~12GHz (71710A) 50MHz~40GHz (71710F)	10MHz~18GHz (71710D) 50MHz~67GHz (71710L)	50MHz~26.5GHz (71710E)
Power Range	60dBm~+20dBm (71710A)	-70dBm~+20dBm (71710D/E/F/L)	



Microwave Power Meter

# 81702 Series Peak Power Sensor

Frequency Range	50MHz~18GHz (81702D) 500MHz~40GHz(81702F)	500MHz~26.5GHz (81702E) 500MHz~67GHz(81702L)
Power Range	20dBm~+20dBm	
Rise Time	≤10ns(Carrier Frequency≥500MHz)	

## USB Power Sensor



USB Power Sensor

# 87230 Series CW Power Sensor

Frequency Range	9kHz~6GHz(87230) 50MHz~26.5GHz(87232)	10MHz~18GHz(87231) 50MHz~40GHz(87233)
Power Range	-50dBm to +20dBm(87230)	-60dBm to +20dBm(87231/87232/87233)
Input Port SWR	100kHz to 6GHz: 1.15	50MHz to 2GHz: 1.15 2GHz to 12.4GHz: 1.20 12.4GHz to 18GHz: 1.27 18GHz to 26.5GHz: 1.30 26.5GHz to 40GHz: 1.50



USB Power Sensor

## 87234 Series Peak Power Sensor

Frequency Range	50MHz~18GHz(87234D) 50MHz~40GHz(87234F)	50MHz~26.5GHz(87234E) 500MHz~67GHz(87234L)
Power Range	-45dBm to +20dBm(Average Mode)	
Rise/Fall Time	≤13ns	
Video Bandwidth	≥30MHz	
Minimum Pulse Width	50ns	



USB Power Sensor

## 87235 Series Average Power Sensor

Frequency Range	10MHz to 8GHz(87235C) 10MHz to 33GHz(87235F) 10MHz to 50GHz(87235H)	10MHz to 18GHz(87235D) 10MHz to 40GHz(87235FA)
Power Range	-70dBm to +26dBm(87235D)	
Input Port SWR	10MHz to 6GHz: 1.13 6GHz to 16GHz: 1.24 16GHz to 26.5GHz: 1.29 26.5GHz to 40GHz: 1.32 40GHz to 50GHz: 1.48	

**RF and Microwave Multifunctional Analyzers**



RF and Microwave Multifunctional Analyzers

**4957B/D/E/F RF Handheld Multifunctional Analyzer**

CAT and VNA Mode

Frequency Range	30kHz~6.5GHz(4957B)30kHz~18GHz(4957D) 30kHz~26.5GHz(4957E)50MHz~40GHz(4957F)
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SA Mode

Frequency Range	9kHz~6.5GHz(4957B)100kHz~18GHz(4957D) 100kHz~26.5GHz(4957E)100kHz~40GHz(4957F)
Resolution Bandwidth	1Hz~10MHz(4957B) 1Hz~5MHz(4957D/E/F)
SSB Phase Noise(1GHz carrier)	≤-112dBc/Hz@100kHz(4957B) ≤-99dBc/Hz@100kHz(4957D/E/F)
Test Function	Cable and Antenna Test, Vector Network Analyzer, Spectrum Analyzer, Power Monitoring, Vector Voltmeter, USB Power Measurement, etc.
Storage Device	internal memory, USB or SD card
Test data can be saved and recalled	
Battery-powered, suitable for field application	
Intelligent Power Management: remaining charge indication, low battery alarm	
Interface Type	LAN, USB
Weight	<4.3 kg



RF and Microwave Multifunctional Analyzers

**4992A Radio Test Set**

Frequency Range	2MHz ~ 1GHz/2.7GHz
Integrates RF emitter and receiver, audio source and analyzer, etc	
Dual RF sources, excellent spectrum purity	
Operating Temp.	-10 ~ +50°C, Dust Resistant
Weight	2.6kg



Handheld Spectrum Analyzer

# 4025D Handheld Spectrum Analyzer

Frequency Range	9kHz to 20GHz
DANL	≤ -165dBm/Hz(2MHz~2GHz, Pre-amplifier on,Typ.)
SSB Phase Noise	≤ -113dBc/Hz@100kHz offset @1GHz carrier(Typ.) ≤ -108dBc/Hz@100kHz offset @10GHz carrier(Typ.)
Sweep time	< 33ms(20 GHz sweep span, 3 MHz resolution bandwidth)
TOI	+16dBm@900MHz(Typ.)
Total Amplitude Uncertainty	±1.0dB(Typ.)
Spectrum analysis, interference analysis (waterfall, RSSI), channel scan, field strength measurement, USB CW power measurement, USB Peak power measurement, analog demodulation analysis (AM, FM, PM), directional analysis, 40MHz real-time spectrum analysis bandwidth (supporting digital persistence spectrum and waterfall display), etc.	



Handheld Spectrum Analyzer

# 4024A/B/C/D/E/F/G/H/L Spectrum Analyzer

Frequency Range	9kHz~4GHz/6.5GHz/9GHz//20GHz/26.5GHz/32GHz/44GHz/50GHz/67GHz
DANL	-163dBm@1Hz RBW(typical)
SSB Phase Noise	-112dBc/Hz@100kHz frequency offset@1GHz carrier (4024A/B/C) -106dBc/Hz@100kHz frequency offset@1GHz carrier (4024D/E/F/G/H/L)
Sweep time	for 1GHz span, shortest sweep time <20ms
Resolution bandwidth	1Hz~10MHz
Full-band pre-amplifier	standard configuration
Various measurement functions: spectrum analyzer, interference analyzer (spectrogram, RSSI), AM/FM/PM analyzer, channel scanner, high accuracy power meter, signal analyzer etc.	



Handheld Spectrum Analyzer

# 4024CA Handheld Spectrum Analyzer

Frequency Range	9kHz to 9GHz
DANL	Low displayed average noise level: 163dBm@1Hz RBW(typical)
SSB Phase Noise	115 dBc/Hz@100kHz frequency offset@1GHz carrier
Input TOI	+13dBm (Typical)
Maximum realtime analysis bandwidth	120MHz(RTSA with 5.8us POI)
Various measurement functions: Spectrum Analyzer, Interference Analyzer (spectrogram, RSSI), RTSA, 5G NR D modulation, LTE FDD /TDD D modulation, GSM/EDGE D modulation function etc.	

## Power Amplifier



Power Amplifier

# 387XX Series Solid-State Power Amplifier

Frequency Range	500MHz~6GHz(3871AS/AT/AU) 1GHz~6GHz(3871AB) 18GHz~26.5GHz(3871EA/EB/EC) 32GHz~40GHz(3871FB) 18GHz~40GHz(3871FP/FQ/FR)	1GHz~2.5GHz(3871AA/AP) 6GHz~18GHz(3871DA/DB/DC/DD) 26GHz~32GHz(3871FA) 26GHz~40GHz(3871FE/FF/FG)
Gain(Min.)	50/53/56dB(3871AS/AT/AU) 48dB(3871AB) 43/46/53dB(3871EA/EB/EC) 43dB(3871FB) 46/50/53dB(3871FP/FQ/FR)	53/55dB(3871AA/AP) 46/50/53/56dB(3871DA/DB/DC/DD) 43dB(3871FA) 43/49/53dB(3871FE/FF/FG)
Wide frequency band amplification and high power level output		
Built-in power meter can provide a more precise power output		
Automatic Level Control to output an absolute power level		



**Lightwave Component Analyzer**

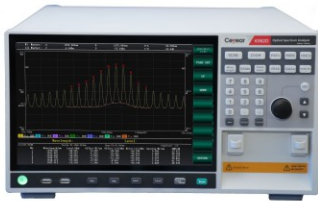


Lightwave Component Analyzer

# 6433 Lightwave Component Analyzer

Frequency Range	10MHz to 20GHz(6433D) 10MHz to 50GHz(6433H)	10MHz to 43.5GHz(6433F) 10MHz to 67GHz (6433L)
Test Modes	E/E Measurement Mode E/O Measurement Mode O/E Measurement Mode O/O Measurement Mode	
Standard S12 and S21 Parameters Test, Balanced Device Test, Automatic Fixture Removal, Flexible Calibration Method and Calibration Kits		

**Optical Spectrum Analyzer**



Optical Spectrum Analyzer

# 6362D Optical Spectrum Analyzer

Spectral coverage	600 ~ 1700nm
Scan span	0.2~1100nm (full range span)
Wavelength accuracy	±0.02nm(1520~1620nm), ±0.04nm(1450~1520nm), ±0.10nm (full-wavelength range)
The wavelength resolution setting	0.02、0.05、0.1、0.2、0.5、1、2nm
Minimum sampling resolution	0.001nm
Maximum input power	+20dBm (per channel, full wavelength range)
Power linearity	± 0.05dB (input power: -50~ + 10dBm)

## Optical Fiber Fusion Splicers



### Optical Fiber Fusion Splicers

## 6481A+/B+ Fiber Fusion Splicer

Applicable Fiber	general optical fiber, rubber-covered fiber, and jumper conforms to ITU-T G.651~653, G.655, G.657
Fiber Diameter	cladding:80~150 μ m      coating:0.1~3mm
Cleaved Length	5~16mm(covered fiber diameter≤250 μ m)      10mm(covered fiber diameter: 0.25~3mm)
Splice Loss(typical)	6481A: 0.02dB(SMF), 0.01 dB(MMF), 0.04 dB(DSF), 0.04 dB(NZDSF) 6481B: 0.03dB(SMF), (MMF), 0.04 dB(DSF), 0.04 dB(NZDSF)
Numbers of Motor	6(6481A)      4(6481B)
Alignment	6481A:precise fiber core alignment, cladding alignment, manual alignment 6481B: cladding alignment, manual alignment
7s fast splicing, 18s highly efficient pyrocondensation	
320 times image magnification, 5mm fusion splicing for fibers of ultra-short cutting length	
300 groups of fusion splicing modes, 100 groups of heating modes	
10000 groups of fusion records, 64 images storage	
Ceramic presser foot, ceramic V-groove, all-in-one fixture	
GUI and touch screen design	

OTDRs



OTDRs

## 6420A Optical Time-Domain Reflectometer (OTDR)

Working Wavelength	850nm/1300nm/1310nm/1490nm/ 1550nm/1625nm/1650nm/(optional)
Test Range	0.4、0.8、1.6、3.2、6.4、16、32、64、128、256、512 (SM); 0.4、0.8、1.6、3.2、6.4、16、32 (850nm MM)
≤1.5m extra-short event dead zone, easy to test fiber jumper	
50dB wide dynamic range, 256k data sampling points	
VFL, Optical Power Meter, Optical Source Functions	
Ethernet Remote Control Function	
Abundant interface & port	USB, Micro-USB, Ethernet, Earphone, Micro-SD
Weight	≤0.9kg



OTDRs

## 6422 Optical Time-Domain Reflectometer (OTDR)

850nm/1300nm/1310nm/1490nm/ 1550nm/1625nm/1650nm/(optional)	
Test Range	0.4、0.8、1.6、3.2、6.4、16、32、64、128、256 and 512km (single-mode) 0.4、0.8、1.6、3.2、6.4、16 and 32km(850nm multi-mode)
≤0.5m extra-short event dead zone, easy to test fiber jumper	
50dB wide dynamic range, 256k data sampling points	
VFL, Optical Power Meter, Optical Source Functions	
Ethernet Remote Control Function	
Abundant interface & port	USB, Micro-USB, Ethernet, Earphone, Micro-SD
Weight	≤1.8kg

Ceyear Technologies is dedicated to research and application of advanced measurement technologies. In the field of automatic testing, we adopt the most advanced structures in the world based on the research of leading automatic testing technologies and our accumulation of testing requirements of users. We gradually build the product system of "core software + Four types of general-purpose test platform Multiple practical test systems", including general-purpose test platform, radar test platform, electromagnetic environment test platform and electronic countermeasure test platform. Products are widely used in national defense and industrial tests, such as aviation, aerospace, warships, radar, communications and weapon equipment.

**▼ Microwave/Millimeter-Wave Antenna Test System**



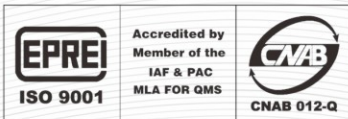
With international advanced microwave/millimeter-wave CAD technology, mature micro-strip circuit techniques and micro-assembly equipment, we can produce various microwave/millimeter wave components, which are characterized in high frequency measurement/testing, communications, aviation and aerospace equipment, etc. up to 500GHz, wide frequency range, modularization and different interfaces. The products can be widely used in **measurement/testing, communications, aviation and aerospace equipment, etc.**

### **✓ Passive Components**

The main products include coaxial adapters, waveguide coaxial adapters, loads, calibration kits, attenuators, switches, DC blocks, etc. Coaxial connectors have 7mm, Type-N, 3.5mm, 2.92mm, 2.4mm and 1.85mm with frequency up to 67GHz; and frequency of waveguide products is up to 500GHz.

### **✓ Active Components**

The main products are mixers, broadband solid-state amplifiers, detectors, , and with frequency up to 500GHz.



**Ceyear**  
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