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Instrument
Product
Brochure

CATALOGUE
2026

Model	Type
ECT9610	5G Protocol Conformance Test System
ECT9610-U	5G/4G USIM/USAT Conformance Test System
CTP3500	5G Protocol Test Platform
3308C	Comprehensive measuring instrument
CTP3515	5G Comprehensive measuring instrument
CTP3308EV	C-V2X Comprehensive measuring instrument
CTP3550	5G&C-V2X Comprehensive measuring instrument
GSP3410S	Satellite Terminal Simulator
SSA5010	C-V2X Sweep Analyzer
ECT9090	C-V2X Conformance Test System
SSA5001	Public Network Sweeper Analyzer
CTP3308E	2G/3G/4G Non-Signaling Radio Tester
CTP3308F	2G/3G/4G/5G Non-Signaling Radio Tester
CTP3308F Pro	5G & WiFi Radio Tester
CTPK500	Digital Power Supply
CTPK600	Digital Power Supply
CTP100S	Base Station Production Line RF Tester

ECT9610

5G Protocol Conformance Test System

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Model	ECT9610
Type	4/5G Protocol Conformance Test System
Function	4/5G protocol and Redcap conformance test capability Adhere to 3GPP TS38.523-1 , 3GPP TS34229-5
Scenario	wireless communication chip/terminal R&D, testing, inspection and certification, and network access certification
Highlight	NO.1 to complete international certification of 5G protocol and Redcap conformance test system Protocol stack with R16, R17 expansion capability Software upgrade to support Redcap test

ECT9610

ECT9610-U

5G/4G USIM/USAT Conformance Test System

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Model	ECT9610-U
Type	4/5G Terminal & Card (USIM/USAT) Conformance Test System
Function	4/5G Terminal & Card (Usim/Usat) conformance Electrical characteristics testing Adhere to 3GPP TS31.121 , 3GPP TS31.124, ETSI 102-230
Scenario	wireless communication chip/terminal R & D, testing, testing and certification, and network access certification
Highlight	100% coverage of 4/5G card (Usim/Usat) certification use cases Realization of electrical characteristics testing capability UTP1000 (Usim/Usat) card simulator supports card parameter customization and API automation integration

UTP-1000

ECT9610

5G Protocol Test Platform

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Model	CTP3500
Type	5G protocol analysis test platform
Function	Support user-defined use case design, 3GPP L1/L2/L3 Protocol parameters simulation
Scenario	5G chip/module/terminal R&D process
Highlight	Provide external interfaces for automated system integration Customized requirements building capabilities for specific test scenarios Realize fully automated testing using python script

Comprehensive measuring instrument

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Model	3308C
Type	2/3/4g signaling Radio Communication Tester
Function	2/3/4G RF test capability
Scenario	module/terminal R&D, testing, type approval
Highlight	Automated testing environment, easy to operate, friendly interface Dual-channel independent testing, high testing efficiency

CTP3515

5G Comprehensive measuring instrument

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Model	CTP3515
Type	5G signaling Radio Communication Tester
Function	5G RF performance, protocol function and service performance testing
Scenario	5G chip/module/terminal R&D, testing, inspection and certification
Highlight	Support Multi-user, simpler operation Flexible configuration of protocol layer parameters Multi-channel, multi-cell access Supports mmWave, V2X and satellite communication systems Expansion.

CTP3308EV

C-V2X Comprehensive measuring instrument

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Model	CTP3308EV
Type	C-V2X Radio Communication Tester
Function	C-V2X RF performance, protocol function and service performance testing
Scenario	Vehicle module/terminal testing
Highlight	Visualization, dual-channel testing Support reception sensitivity test Support 10M and 20M testing Support protocol, network, security, messaging and application testing

CTP3550

5G&C-V2X Comprehensive measuring instrument

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Model	CTP3550
Type	5G&C-V2X Radio Communication Tester
Function	5G&C-V2X RF performance, protocol function and service performance testing
Scenario	5G and C-V2X testing of vehicle terminals, Vehicle-Road-Cloud Collaboration Testing
Highlight	Supports 5G cellular testing and LTE-V2X testing Extended support for NR-V2X testing

Model	GSP3410S
Type	Satellite Terminal Simulator
Function	Satellite communication, Positioning test, C-V2X synchronization HIL test
Scenario	Satellite Terminal & Satellite Network testing
Highlight	High real-time to generate positioning signals Supports the expansion of QZSS/SBAS system Support connect with channel model simulator

SSA5010

C-V2X Sweep Analyzer

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Model	SSA5010
Type	C-V2X Sweep Analyzer
Function	C-V2X network signal quality testing
Scenario	Vehicle module/terminal/C-V2X Network testing
Highlight	1st instrument form tester in Industry, NO.1 in China Supports high-precision GNSS differential positioning with centimeter-level deviation Supports real-time map updating

ECT9090

C-V2X Conformance Test System

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Model	ECT9090
Type	RF Protocol Conformance Test System
Function	C-V2X terminal RF/protocol conformance test and C-V2X simulation test
Scenario	Vehicle module/terminal testing
Highlight	Dual-channel testing capability leading international certification progress Supports 3GPP, national standard, ICTA/NCC/Auto Standard Committee and other industry standard Support more than 200 vehicles simulation (up to 400)

SSA5001

Public Network Sweeper Analyzer

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Model	SSA5001
Type	Public Network Frequency Sweeper
Function	2G/3G/4G/5G network signal quality testing
Scenario	Network planning, network optimization, interference detection, spectrum analysis
Highlight	High resolution depth Multi-standard and multi-frequency parallel sweeping Measurement accuracy up to +-1dB

CTP3308E

2G/3G/4G Non-Signaling Radio Tester

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Model	CTP3308E
Type	2G/3G/4G Non-Signaling Radio Tester
Function	Support 2/3/4G/WBG production calibration and general test
Scenario	terminal production, calibration, general test, coupling test
Highlight	Dual-channel, high efficiency Support 2 terminals to be tested at the same time with 2 transceivers Compatible with xx instrument instructions Support mainstream chip platform

Model	CTP3308F
Type	2G/3G/4G/5G Non-Signaling Radio Tester
Function	Support 5G NR, backward compatible with 2/3/4G/WBG production calibration and synthesis test
Scenario	terminal production, calibration, synthesis test, coupling test
Highlight	8-port broadcast mode to meet multi-port test scenarios Excellent heat dissipation, high tolerance to environment Certified by MTK, Spreadtrum and other chip platforms

5G & WiFi Radio Tester

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Model	CTP3308F Pro
Type	5G & WiFi Production line Radio Tester
Function	Support terminal products WIFI6E/WIFI7/UWB/Star Flash SLB product calibration and general testing Support 5G NR base station product calibration and general testing
Scenario	terminal production, calibration, synthesis test, coupling test
Highlight	High bandwidth, high performance, self-calibration support Supports frequencies up to 10 GHz Supports transceiver testing for RF signals up to 500M bandwidth Support 2 terminals to be tested at the same time with 2 transceivers

CTPK500

Digital Power Supply

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Model	CTPK500
Type	Production line power supply
Function	Power supply and power consumption test for hardware products
Scenario	R&D labs or production lines
Highlight	Supports up to 24V power supply for testing products Maximum support for 6A output Support 88W ultra-fast charging product testing

Digital Power Supply

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Model	CTPK600
Type	Production line power supply
Function	Power supply and power consumption test for hardware products
Scenario	R&D lab or production line
Highlight	Portable, low noise Supports 15V/3A power supply for testing Small size, portable and light weight Support automated range switching, recognizing small and large currents

Model	CTP100S
Type	Base Station Production Line RF Tester
Function	Macro base station RRU, Micro base station, repeater RF transceiver production calibration and testing
Scenario	Base Station production lines
Highlight	Cost-effective High integration: single unit can replace signal source and spectrum meter Passive Cooling, Zerono noise

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