

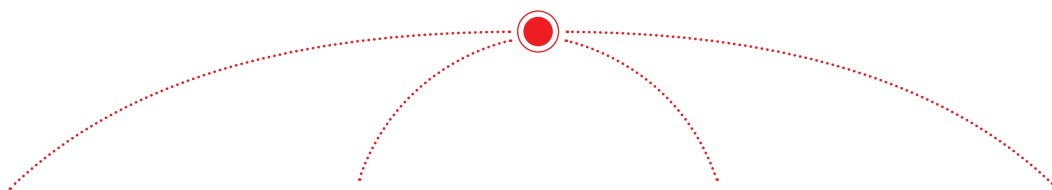
AMETEK CTS EMC TEST SOLUTIONS Product overview

RF and Conducted Immunity & Emissions | Broadband Amplifiers



YOUR GLOBAL PARTNER FOR EMC COMPLIANCE TEST SOLUTIONS

AMETEK[®]
COMPLIANCE TEST SOLUTIONS



emtest

TESEO

MILMEGA



Whether you need equipment for development accompanying-tests or for certified tests: At AMETEK CTS you'll find just the right tools to meet your testing requirements.

Our experts are always by your side to give you their best advice. For any demand. At any time.

SERVICE & SUPPORT: ALWAYS AVAILABLE



Numerous local sales and service locations as well as our distribution partners take care of pre- and after sales support, commissionings, trainings, updates, maintenance and repair work. Based on an outstanding global infrastructure, continuously improving service project management and the great attention of our highly qualified and motivated employees, we always aim for a maximum level of CTS service quality. We are there for you whenever and where you need us.

CERTIFIED LOCATIONS: ABSOLUTE COMPLIANCE



Well-structured processes, international recognition and reproducibility of data is mandatory to meet today's and tomorrow's quality standards. CTS customers can rely on ISO 9001 certified production locations and ISO 17025 accredited service centers on a global scale. With Compliance Test Solutions you are always on a safe side.



EXTENDED WARRANTY FOR ALL OUR PRODUCTS: A MATTER OF COURSE



We see warranty as a commitment to our customers to ensure their piece of mind. With our warranty policy we demonstrate the confidence in our products. Our customers benefit from high quality products with long term warranty that could be extended on request.



INHOUSE SOFTWARE DEVELOPMENT: ALWAYS UP-TO-DATE



Sophisticated software is a key component for any test application. Experienced software teams continuously optimize software for our diverse product lines. This enables our customers to rely on preprogrammed standard applications, implementation of external measurement devices and customized report functionalities. Support will be provided for installation, daily operation or customized applications.

**AMETEK COMPLIANCE TEST SOLUTIONS
SUPPLIES MORE THAN PRODUCTS.**

CONDUCTED IMMUNITY/EMISSION SYSTEMS

IEC 61000-3-2
 IEC 61000-3-3
 IEC 61000-4-2
 IEC 61000-4-4
 IEC 61000-4-5
 IEC 61000-4-8
 IEC 61000-4-9
 IEC 61000-4-11
 IEC 61000-4-29
 IEC 60601-1-2 Ed.4
 IEC 61851-21-2 Ed.1
 ECE R10

IEC



COMPACT NX5
Multi test generator for transients



DPA 503N
3 Phase digital power analyzer



NSG 3040A
Multifunction for CE testing



NSG 3150
15 kV Surge generator



BURST NX8
Burst generator

ISO 7637-2
 ISO 7637-3
 ISO 16750-2
 ISO 21780
 ISO 10605
 Car Manufacturer
 Standards
 LV 124
 LV 148
 LV 123

ISO



AUTOWAVE
Waveform generator



VDS 200Q/PFM 200N/AUTOWAVE
Automated LV 124 test system



NSG 5500
Automotive transient immunity tester



NX30
ESD Simulator



UCS 200N50
Simulator for automotive transients

Airbus
 Boeing
 DO 160 Sec.16
 MIL Std 704

MIL AVIONICS



NETWAVE (1PH/3PH)
Programmable AC/DC source



CWS 500N3
Ripple noise and magnetic field tester



AMP 200N2
Low frequency signal source



CN 200N1
Coupling network

View the full range at www.ametek-cts.com

ELECTRIC VEHICLES / HV TESTING

SAE J2894
SAE J1772
IEC 61000-3-2/-3-12
IEC 61000-3-3/-3-11
IEC 61000-4-11
IEC 61000-4-4
IEC 61000-4-5
ECE R-10
ISO 21498
ISO TS 7637-4



RIPPLE NX
High power ripple generator



POWERWAVE
Programmable AC/DC source



HV-AN 500 / SME HV-AN 500
Artificial networks

ACCESSORIES



COUPLING NX
3-Phase coupling network



HSC 4-8.1
Coupling network



CCI
Capacitive coupling clamp



CA LV 124
Calibration sets



STRIPLINES
for vehicle component tests



CDN / ISN / CDNE
Variety of networks



TRANSIENT EMISSION SET
Transient emission measurements



KEMZ 801B
EM clamp



CA BS 200N
Verification loads

View the full range at www.ametek-cts.com

RADIATED IMMUNITY

IEC 61000-4-3, -X, -6
 IEC 61000-4-20, -21
 IEC 61000-4-19
 IEC 61000-4-16
 IEC 61000-4-31
 IEC 61000-4-39
 CISPR 11, -15, -22, -32
 CISPR 16-1-2, -3, -4

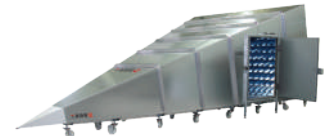
IEC / CISPR



NSG 4060
 Test system DC to 150 kHz



CBA POWER AMPLIFIERS
 from 10 kHz to 40 GHz



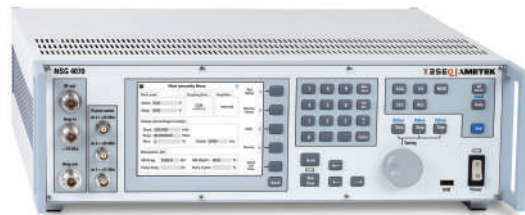
GTEM CELLS
 Septum heights from 250 to 2000 mm



NSG 6000
 Radiated and conducted immunity test system 6 GHz

ISO 11452-X
 ISO 7637-X
 Car Manufacturer
 Standards

ISO



NSG 4070-SERIES
 Multifunctional test system



CBA6G-900/600R
 For ISO 11452-X

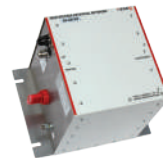
ACCESSORIES



PROBES
 Variety of probes available



RC CHAMBER 2XS
 Reverberation chamber



HV-AN150
 Automotive LISN



HLA 6121
 60 cm Loop Antenna



BAL 4070
 for ISO 7637-4 testing



ANTENNAS
 From 9 kHz to 6 GHz



RADIATING LOOP AND ACCESSORIES
 Magnetic field application

View the full range at www.ametek-cts.com

RF IMMUNITY SYSTEMS

150 KHZ
TO 6 GHZ

IEC



10 KHZ
TO 18 GHZ

ISO



10kHz - 40GHz
BROADBAND POWER AMPLIFIERS

AMPLIFIERS



10 kHz - 6 GHz
Solid state amplifiers



2 - 40 GHz
TWT Amplifiers

testforce

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Care to learn more about AMETEK CTS?
We look forward to speaking with you!

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