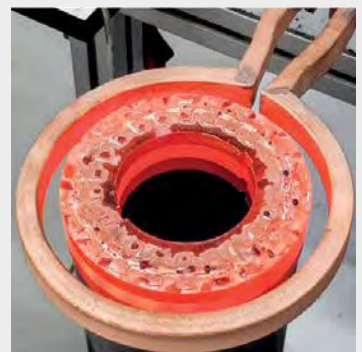
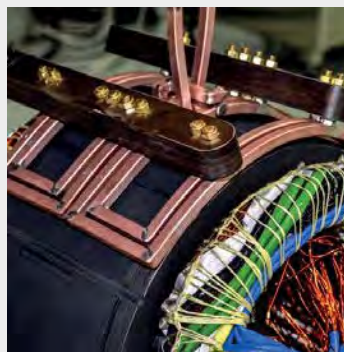
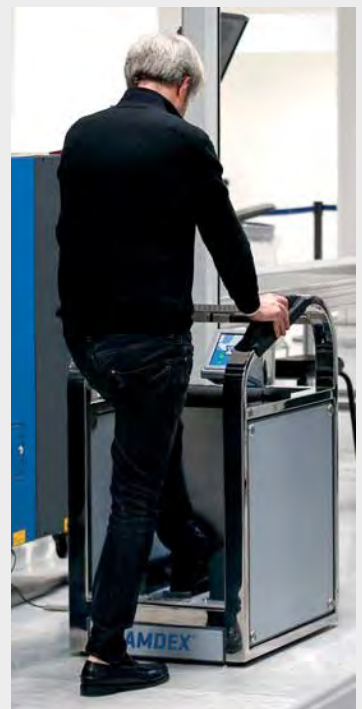




NOBLE | IQ

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COMPANY PROFILE

www.ceia-usa.com

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CEIA USA Ltd
6336 Hudson Crossing Parkway, Hudson OH



MISSION

CEIA USA's mission is to sell, distribute and service the world's most advanced technology in electromagnetic fields manufactured by CEIA and CEIA USA to public (federal, state and local governments) and private sector customers in North America.

CEIA USA strives to educate our current and potential customers on the proper deployment of electromagnetic inspection devices and induction heating systems with the aim of achieving the best operational response.

CEIA USA will continue to increase its operational base of customers through education and events with continuous improvement in the technology offered.

CEIA has been pursuing, since its foundation, the research and the development of detection technologies and the design of devices capable to locate the continuously evolving threats made of different materials, dimensions and set-up.

This led to a complete range of sensors and detection systems for multiple threats, all CEIA proprietary.

Thanks to their fully-digital design and the concept of unified hardware platforms, CEIA sensors can be integrated together into systems with different mechanical features.



CEIA HISTORY

1962



The activity began with the production of a patented Metal Detector for the textile industry capable of detecting small quantities of metal in fabrics in order to protect the production machinery.



The company is incorporated as CEIA and begins development and production of industrial metal detectors for food inspection, and ultrasonic cleaning machines for the gold and silversmith sectors.

1968

1979
1982



CEIA patents the first walk-through Metal Detector (1979) with microcomputer-based DSP analysis and the first column type gate (1982).

1988



The revolutionary CEIA 02PN6 column model is selected by Federal Bodies as the device for mobile, indoor and outdoor applications.



1990

CEIA begins development and production of solid-state induction generators for no-contact heat treatment of metals.

1991



CEIA Metal Detectors are **certified by FAA** according to the "3-gun-test" security standard.



1996

CEIA patents the elliptical column walk-through Metal Detector. This efficient, aesthetically pleasing device can easily and unobtrusively be used in high level government agencies and private corporations.

1997



CEIA USA is founded in Cleveland, OH.

1998



CEIA's in house EMC testing laboratory is governmentally accredited as a "competent body in the matter of electromagnetic compatibility".



CEIA is selected by the United Nations as the Metal Detector supplier for humanitarian demining in Afghanistan and other conflict regions.

The company releases the SMD601 Multi-Zone Walk-Through Metal Detector, specifically designed to comply with the new NIJ Standard-0601.02 (U.S. Dept. of Justice).



The company unveils the CEIA CMD, a very high performance Compact Metal Detector. The one-piece foldable design allows the Metal Detector to be deployed quickly and to be carried easily.



CEIA EMA automatic bottled liquids scanner is certified for use in Airports.

CEIA introduces the SA/80 series, the first 25, 50, 75, 100 kW high efficiency green generators with integrated quality data logger and web server.



2002



CEIA 02PN20 is selected and certified for installation in North American Airports following the tightening of security standards in response to the events of September 11, 2001.

2004



New CEIA USA headquarters opened in Cleveland, OH.

2005

2007



CEIA installs the first Loss Prevention System, a computer-aided metal detector designed to stop theft of valuable metal items in production plants and distribution centers.

2008

2010



EMIS, automatic screening for non-metallic cargo, is approved by Governmental Security Authorities for use in Airports.

2011

2013



EMIS-MAIL letter bomb and IED detector is certified for mail security inspection.

2014



2015

2016

CEIA introduces the SAMDEX, Shoe Scanner Metal and Explosive Detector. SAMDEX compliance to operational requirements has been successfully verified by Government-Authorized Laboratories in 2016.



EMIS, automatic screening for non-metallic cargo, meets ECAC Performance Standard.



CEIA introduces the new multi sensor models for ground search detectors equipped with GPR, metal and IED detector.

2018

2015
2019



Consistently with the integration and control features of existing series, CEIA expands the range of induction heating generators with the new medium-high frequency generator SA/400.

2020



TDU, Thermal Detection Unit, anti-Covid advanced embedded sensor for CEIA Security Walk-through Detector Gates.

2021



New CEIA USA headquarters opened in Hudson, OH.

2024



The company presents the OPENGATE®, automatic screening of people with luggage, backpacks, and bags for the detection of mass casualty metal threats in high-throughput public places.



Introducing the PIRAMID®USA, new multi sensor model for ground search detectors equipped with GPR, metal & IED detector.

SECURITY

SECURITY METAL DETECTORS & SCREENING EQUIPMENT

Today's security sector and the ever-stricter regulations relating to Metal Detectors for inspecting people in transit require equipment with the highest operational and functional performance. **With over 50 years of experience in designing and manufacturing Metal Detectors, CEIA has developed a series of devices with superior sensitivity and throughput.**

In high-sensitivity applications, CEIA can detect small metallic objects, such as a single razor blade while still providing optimal immunity to environmental interference. For high flow-rate applications, CEIA offers Walk-Through Metal Detectors with extremely high discrimination of personal metal objects to minimize the incidence of nuisance alarms.

**Data available upon request*



PD140N

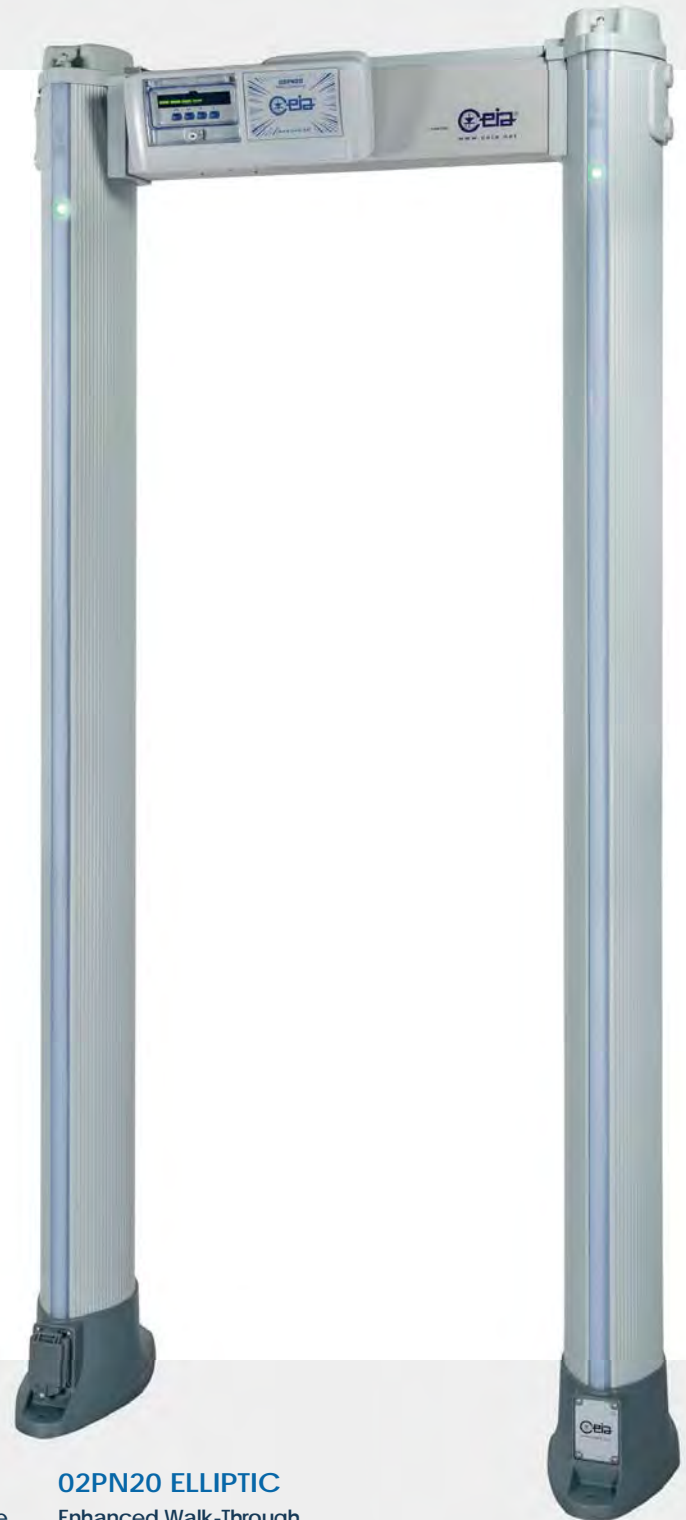
Compact Hand-Held
Metal Detection Set

PD240

Wide Search Area
Hand-Held
Metal Detection Set

PD240CB

Long Range Dual-Tone
Hand-Held
Metal Detection Set



02PN20 ELLIPTIC

Enhanced Walk-Through
Metal Detector

AIRPORT SECURITY

TSA
QUALIFIED



ENHANCED WALK-THROUGH METAL DETECTORS



HAND HELD METAL DETECTORS



SHOE EXPLOSIVE AND METAL DETECTOR



LIQUID EXPLOSIVE DETECTOR

In response to the recent introduction of particularly stringent security standards for Walk-through Metal Detectors, CEIA offers inspection equipment characterized by extremely high performance in terms of both detection capability and transit flow. This equipment is currently state-of-the-art.

AIRPORT SECURITY

ENHANCED WALK-THROUGH METAL DETECTOR



02PN20®

- Superior detection and throughput
- Compliant with and certified to the applicable standards for enhanced metal detectors
- Improved detection, discrimination, pinpointing and interference immunity
- New mechanical structure with higher protection degree and easy replacement of internal mechanical and electronic parts
- Integrated network camera capability



Today, more than 9,000 devices of this series (panels and columns) are installed and operating in airport and other high security applications worldwide.

AIRPORT SECURITY

SHOE EXPLOSIVE (SED) AND METAL (SMD) DETECTOR

**STAC
CERTIFIED**

SAMDEX®

- SED & SMD integrated unit
- Certified against relevant detection standards for explosive and metallic threats
- Bulk detection, based on actual material properties measurement
- Clear "OK/ALARM" inspection result
- Increased checkpoint throughput by elimination of shoe divestiture and X-ray check
- Increased comfort: passengers keep their shoes on
- Ergonomics: simple and stress-free use
- Analysis time: 2 sec. typical/shoe



Guided use is provided through proper graphic animations.



Passenger Screening with WTMD + SAMDEX and passenger body control through Explosive Trace Detector (ETD).

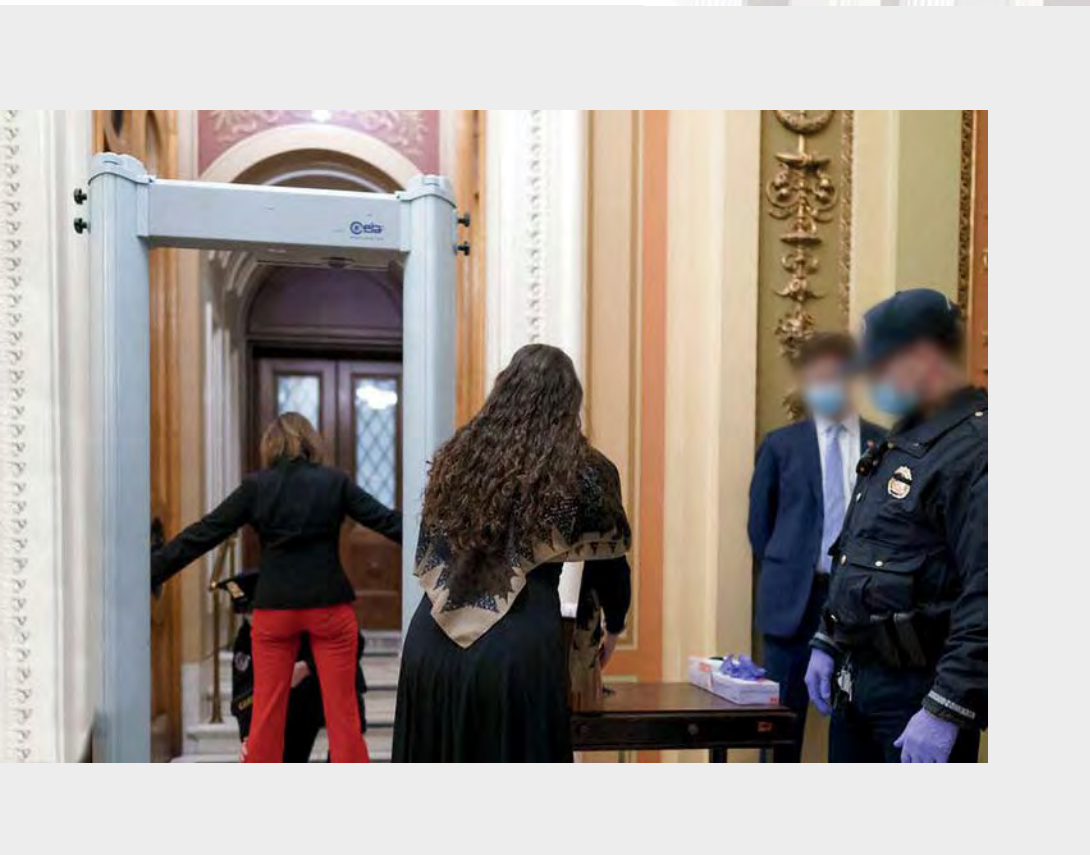
BUILDING SECURITY

Sophisticated threat detection and high visitor flow rates today require enhanced metal detectors (EMD)

In response to the need for access controls for all those entering public buildings (government buildings, museums etc.), schools and private buildings, CEIA offers a range of very high performance walk-through and hand-held Metal Detectors.

The CEIA Metal Detectors used for building access controls ensure **compliance with high security standards** and allow **easy access at both medium and high transit flow rates**.

Government buildings, museums and schools with sophisticated architecture require Metal Detectors with a modern design which can blend well into the installation site.



EVENTS SECURITY



CEIA enhanced metal detectors provide fast and effective security and great visitor experience

The considerable task of planning a major security event requires the most reliable metal detectors for security checkpoint installations.

Through its research and development laboratories, CEIA is continuously investing in the design of equipment that provides the best compliance with the security requirements in public events.

The results are Metal Detectors that have extremely high immunity to outside interference and high discrimination of personal objects. This allows a higher flow rate and improved processing times.

ALARM



NO ALARM



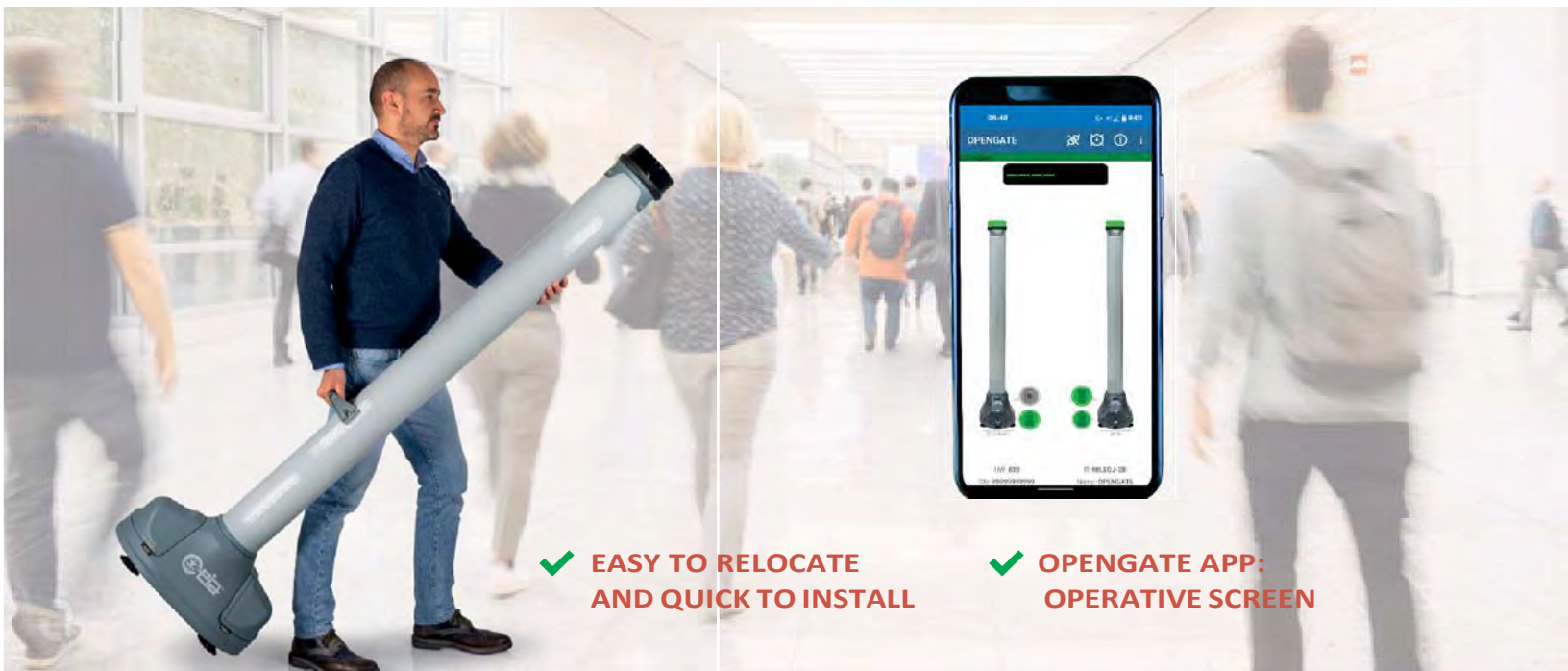
EVENTS SECURITY

GROUNDBREAKING WEAPONS DETECTION SYSTEM



OPENGATE®

- ✓ **OPENGATE is the first and only fully open, active walk-through detection system, composed of two freestanding pillars.**
- ✓ **Does not require any mechanical or electrical connection between the two pillars that define the passageway.**
- ✓ **Acoustic and optical signals, located at the top of the pillars, provide real-time status and alarm indications.**
- ✓ **OPENGATE is the most portable, elegant, easy to position and ready to use weapons detection system. No installation, adjustment or assembly procedures.**
- ✓ **Proprietary arch-free structure and operation solution**
- ✓ **Suitable for indoor and outdoor operations, even in conditions of exposure to rain and sunlight**



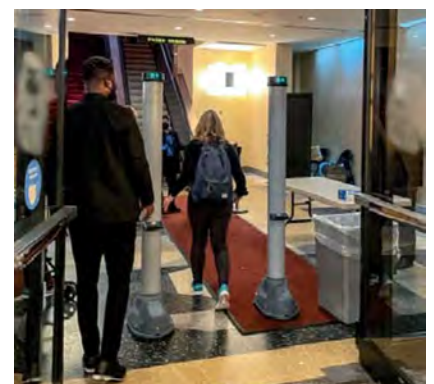
✓ **EASY TO RELOCATE AND QUICK TO INSTALL**

✓ **OPENGATE APP: OPERATIVE SCREEN**

OPENGATE® is a groundbreaking weapons detection system designed for faster screening of people with their backpacks, purses and bags, etc. for the detection of a large variety/number of Metal Threats, such as high caliber assault weapons.

FEATURE HIGHLIGHTS

- **DETECTION TARGET**
Multi-caliber weapons and IEDs
- **OPERATIONAL USE**
 - ∅ Faster screening of people in transit with bags, backpacks, and purses
 - ∅ Extremely high throughput
 - ∅ Integrated high-precision transit counter
- **EASY TO RELOCATE AND QUICK TO INSTALL**
Only 25 pounds with less than 1 minute setup time, it does not require adjustments or the assembly of mechanical and electrical parts
- **APPLICATIONS**
 - ∅ Stadiums / Arenas / Ballparks
 - ∅ Theme parks
 - ∅ Hospitals
 - ∅ Museums / Theaters
 - ∅ Schools
 - ∅ Convention centres
 - ∅ Transportation hubs
 - ∅ In general, all places open to the public characterized by the need to screen large crowds



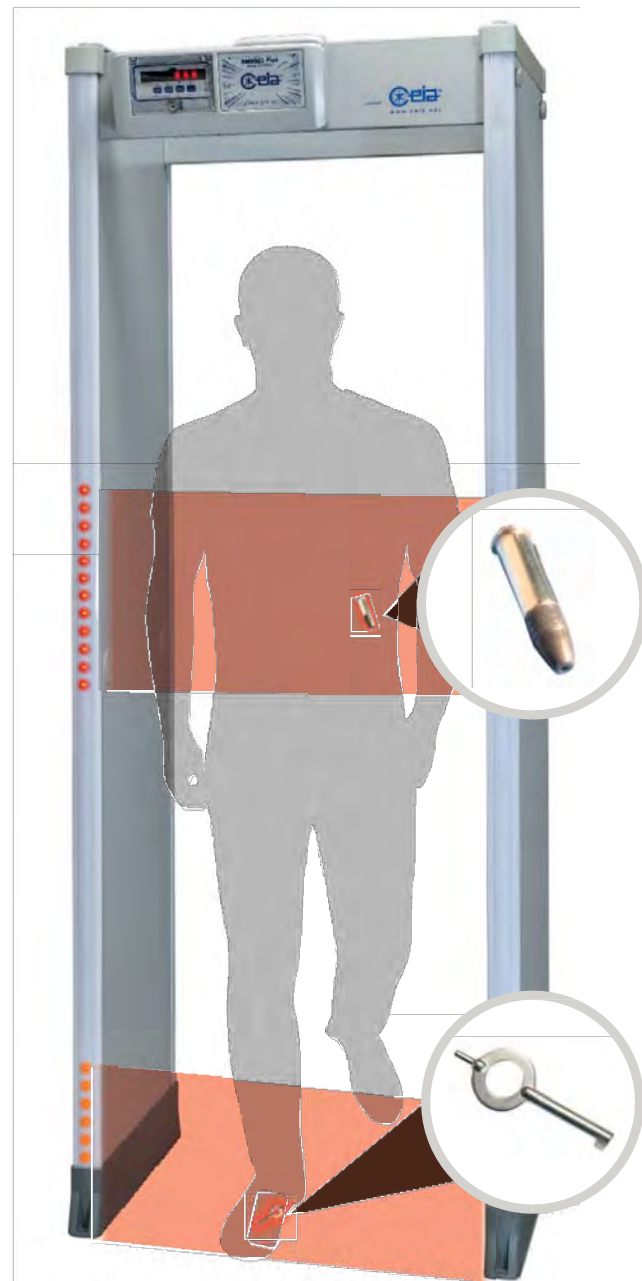
CORRECTIONAL FACILITIES

SMD600 Plus & SMD601 Plus

**MOST SENSITIVE METAL DETECTORS
FOR LAW ENFORCEMENT
AND CORRECTIONAL FACILITIES**

- Fully compliant and exceeds the NIJ-0601.02* Law Enforcement Standard
- Quick, accurate analysis of all parts of the body of people in transit, from the shoe level to the crossbar
- Accurate Pinpointing of individual and multiple metal targets
- Exceptional Immunity to external interferences
- Optional integrated Cell Phone Detector (SMD600 Plus-MI2)

**NIJ STANDARD-0601.02: "Walk-Through Metal Detectors for Use in Concealed Weapon and Contraband Detection"*



**ANTI-VANDALISM
CONSTRUCTION**

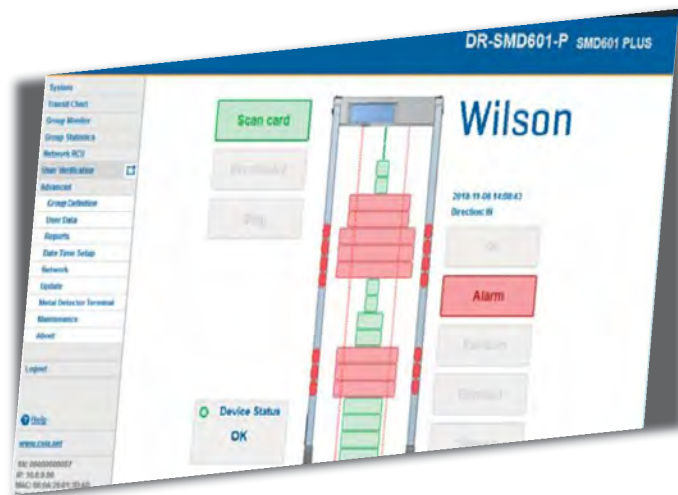
CEIA provides certified Test Samples reproducing for shape, material and signal WTMDs the same effect of the reference targets.

CEIA Metal Detectors fully comply with the requirements of the NIJ0601.02 Standard for all Security Levels, and can therefore be applied in situations from the inspection of visitors to that of inmates in top-security checkpoints, even in areas with strong electrical and mechanical interferences.

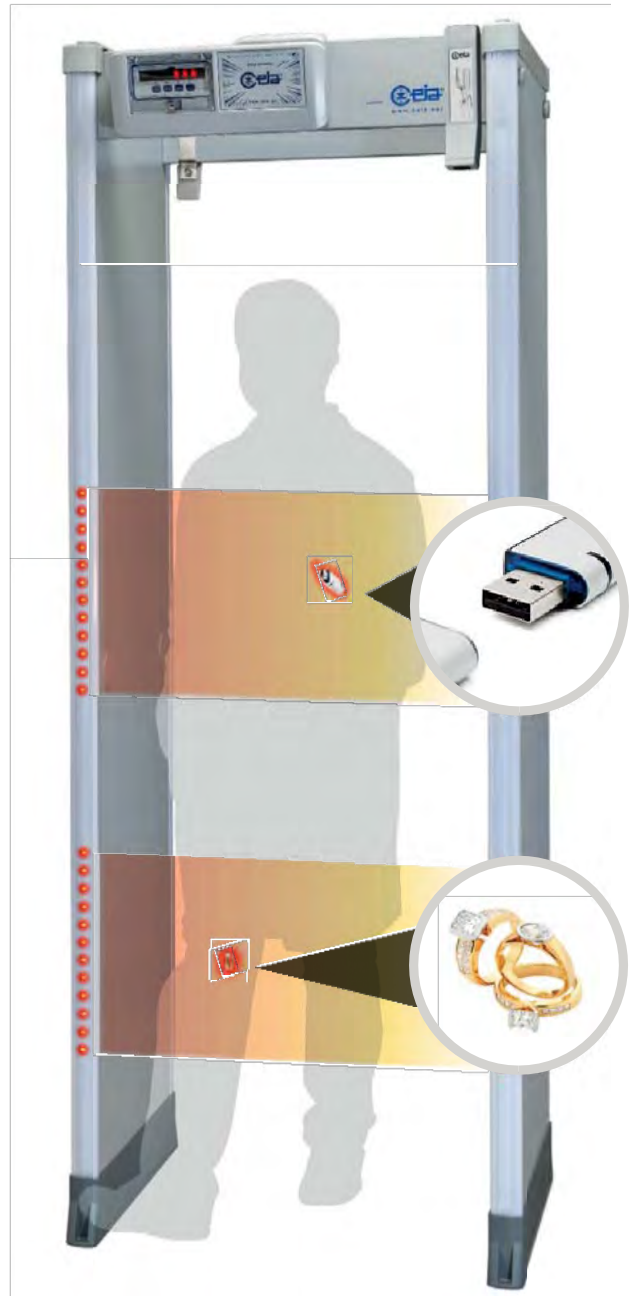
LOSS PREVENTION

OPTIMIZED SOLUTIONS TO DETECT AND DETER METAL PRODUCT THEFT

- Discovers small metal masses anywhere on and in the body while discriminating non-removable metal
- Greatly reduces losses with theft detection and deterrence
- Increases throughput at security checkpoints with automated screening
- Minimizes nuisance alarms by ignoring non-removable personal metal items
- Improves privacy with non-invasive search



As people transit the system, their metal content is compared to a saved personal profile.



The SMD601 Plus Loss Prevention Metal Detector prevents the theft or accidental removal of metallic objects.



DUAL-SENSOR TECHNOLOGY

WEAPONS AND RADIOACTIVE MATERIALS DETECTOR



RADIATION DETECTOR

- Detection of radioactive materials
- Embedded, high-sensitivity, full-height radiation sensors
- ANSI and IEC standards compliant
- Available options include:
 - ▶ Detection of all radioactive materials
 - ▶ Detection of all radioactive materials with identification of medical radionuclides



METAL DETECTOR

- Simultaneous detection of all-metal weapons, including magnetic, non-magnetic and mixed alloy and light alloys threats
- High-Throughput
- Detection of radiation shielding containers (Lead) containing radiological sources



G-SCAN RADIATION DETECTOR

Checkpoint Security coverage can be completed by a G-SCAN Radiation Detector positioned at the exit of the carry-on baggage inspection X-Ray machine.



DUAL-SENSOR TECHNOLOGY

WEAPONS AND CELLPHONES / SMARTPHONES DETECTOR



METAL DETECTOR

- Detection of all-metal weapons, including light alloys threats
- High-Throughput
- Multizone red signaling



CELL PHONES DETECTOR

- Detection of standard and miniaturized cell phones and smartphones
- Detection of magnetized items
- Multizone yellow signaling

APPLICATIONS

- CORRECTIONAL FACILITIES
- DATA-SENSITIVE MEETING ROOMS
- ACCESS RESTRICTIONS ENFORCEMENT OF WEAPONS, CELL PHONES AND SMARTPHONES
- LOSS PREVENTION OF ELECTRONICS DEVICES
- CORPORATE ANTI-ESPIONAGE



LIQUID EXPLOSIVE DETECTOR

**TSA
QUALIFIED**

**Type B
STANDARD 3
CERTIFIED**

**Type A
STANDARD 3
CERTIFIED**

EMA SERIES

The EMA is a compact device designed for **the screening of bottles and their contents with the goal of detecting the presence of combustible, flammable and explosive liquids.** When the operator places the bottle in the inspection cavity, the measurement process starts automatically.

The entire volume of the bottle is analysed in order to verify its conformity with benign liquids. **After a few seconds, the unit provides an OK or Alarm message without requiring any data interpretation by the operator.** Calibration is carried out automatically by the unit. The electromagnetic fields generated in the inspection cavity are weak in intensity and non-ionizing, therefore completely safe for the liquids and for the operator.



Examples of liquid containers that can be screened with EMA.



NetID Anywhere® PREMIUM NETWORK MANAGEMENT SYSTEM

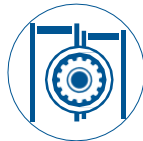


NetID Anywhere® is a cloud-based network management solution for CEIA walk-through metal detectors (WTMD) and OPENGATE® weapons detection system.

Designed for easy implementation with limited infrastructure, NetID Anywhere® is accessible from any smart device or computer with web access.



MONITOR



CONTROL



REPORT



- **AUTOMATED MONITORING** of metal detector status and parameters
- **GLOBAL SETTINGS** management with Security Center
- **DETAILED STATISTICAL REPORTING** allowing analysis of transit flows and alarm rate trends
- **NO CAPITAL COSTS ASSOCIATED** with the system and **NO INSTALLATION OF SOFTWARE**



LETTER BOMB AND IED DETECTOR FOR MAIL AND PARCEL INSPECTION

EMIS-MAIL FOR MAILROOM SECURITY

- Automatic inspection of parcels and letters up to 18" (45 cm) in width and 3" (7.5 cm) thickness
- Detection of detonators, batteries, trigger circuits and other metallic components of letter bombs
- No alarm on metal staples, paper-clips and metal binding spirals
- Ergonomic, compact design
- Confirmation of signal (OK/ALARM) for each package inspected
- Operates on mains power supply and with NiMH rechargeable batteries (opt.)
- No calibration or periodic maintenance required
- Integrated battery charger
- Optional embedded radioactive material detector



Scan QR code to see video presentation

The EMIS-MAIL is very easy to use and provides a fast and automatic OK/ALARM signal confirmation per each inspected package.

CELL PHONE, FERROUS WEAPON AND CONTRABAND DETECTOR

MSD FERROMAGNETIC DETECTOR

- Detection of all cell phones and other ferrous contraband concealed on the person or in body cavities (including keyfob cell phones, smart phones, radio transceivers, etc.)
- Constant sensitivity across the detection area in pass-through operations
- Multi-zone targeting indication identifies location of contraband on the body
- Covert operation through use of BT headset
- Fully weather proof for outdoor use (IP65 certified)
- 26 hours continuous operation
- Unmatched detection in all environments without adjustment
- Extremely durable design
- No assembly required: set-up in less than 10 seconds

TARGET
PINPOINTING
INDICATION

ONE-PIECE AND
LIGHTWEIGHT
DESIGN

(total weight only
21 lbs - 9.5 kg)

READY FOR
IMMEDIATE USE



AUTOMATIC SCREENING FOR NON-METALLIC CARGO

EMIS® SERIES

The EMIS® is designed to automatically detect detonators and metal components of explosive devices inside paper, newspaper, perishable goods such as produce, fish and meat (fresh or frozen) and organic material in general.

Using CEIA exclusive **Electromagnetic Profile Analysis technology**, these devices ensure automatic detection of detonators and electronic circuits from IEDs (Improvised Explosive Devices), ammunition and weapons composed of metal (knives, firearms). In case of detection, the scanners give an audible and visual alarm.

The advanced technology employed in the EMIS® minimizes the interaction with the goods themselves and does not depend on visual interpretation of an image by an operator.

Electromagnetic inspection is the most suitable and quickest method for checking non-metallic cargo.



EMIS 8075 for package inspection.

INSPECTION OF

- Perishable goods and flowers
- Paper products
- Textiles and Clothing
- Plastic and wooden products





TSA
QUALIFIED

MEET
ECAC
PERFORM-
MANCE
STANDARD

EMIS 130200 for palletized cargo.

ADVANTAGES / BENEFITS

Detect automatically detonators and metal components of explosive devices:

- Low cost of ownership
- No dedicated operator
- High throughput
- No ionizing radiation
- Completely solid-state construction (no periodic maintenance or calibration required)



GROUND SEARCH

GROUND SEARCH METAL DETECTION

Thanks to many years of in-depth research in the field of Metal Detection, CEIA has established itself as a **primary manufacturer of high-performance Ground Search Metal Detectors.**

CEIA's approach to the development of its Detectors has been to employ **the most advanced electronic and mechanical technologies that become available:** Surface Mount Technology (SMT), microprocessor control, Digital Signal Analysis, in-the-field software upgrade capability and the use of high-quality materials for the search probes and for the other mechanical parts.

Tests carried out under controlled conditions by Authoritative International Bodies demonstrate that the CEIA Metal Detectors provide overall superior performance in the areas of detection distance, soil compensation capability and immunity to external interference.



CEIA HUMANITARIAN CLEARANCE TEAM WORK

Working in conjunction with Humanitarian Clearance Teams around the world, CEIA has developed a series of detectors that can easily be operated together to deal with Mines, EOD, IED and Command Wire clearance requirements.

CMD SERIES

Lightweight, Compact Metal Detector for Mines, IEDs and UXOs

- Extremely easy to compensate and operate
- Built in battery charger, fully digital design
- Immune to EMI, continuous self-calibration



DSMD

Digital Deep Search Metal Detector for UXO and Cluster Munitions Detection

- Easy operations with pin pointing capability
- GPS with data tracking capability
- Single person operation with built in battery charger and easy to understand display
- Integrated GPS or external **DGNNS** with data tracking capability



MIL-D1

Dual Tone, Digital Metal Detector

- Effective detection of magnetic and non-magnetic metal masses
- Accurate pinpointing of the target's position
- Compensation for mineralized and high natural metal content soils



MULTI-SENSOR TECHNOLOGY

COMPACT TRIPLE-SENSOR METAL, CARBON ROD AND COMMAND WIRE DETECTOR

- MD** • **HIGH DETECTION SENSITIVITY** of magnetic and non-magnetic **LOW METAL CONTENT MINES** in all soil conditions
- CRD** • **ENHANCED IED DETECTION** of targets such as electrical conductive, non-metallic devices (i.e. graphite switches), short wires and high resistivity metals
- WD** • **COMMAND WIRE DETECTION** of conductors of any diameter and type with no nuisance alarms due to other metal targets and clutter



CMD[®]-CIED[®] (MD - CRD - WD)



Thanks to many years of in-depth research in the field of Electromagnetics Designing and Manufacturing, CEIA has developed a complete range of sensors and detection systems for multiple threats, all CEIA proprietary.

**INTEGRATED PRECISION GPR,
METAL AND CARBON ROD DETECTOR**



- **GPR SENSOR** for the detection of dielectric anomalies and discontinuities of the soils such as jars filled with explosives, crates and cavities



- **HIGH SENSITIVITY TO DETECT LOW METAL CONTENT MINES** containing magnetic metal, non-magnetic and mixed alloys in all soil conditions



- **ENHANCED CAPABILITY TO DETECT A WIDE RANGE OF UNCONVENTIONAL TARGETS USED IN IEDs** such as electrical conductive, non-metallic devices (i.e. graphite switches), wires (even of limited length and in a wide range of diameters) and high resistivity metals



ALIS-RT (GPR - MD - CRD)

EMVS is a complete system, aimed at the detection of metallic UXOs and ERWs, designed to be installed in front of vehicles.

In the box, remote display unit inside the vehicle.



MDA2

for Submarine Operations

Metal detector equipped with a linear antenna array designed to operate attached to a manned or unmanned submersible vehicle and capable of functioning at depths up to 328 yards (300 m).



PD240CBM

Hand-held Urban Clearance Tool

Detection of:

- *Crush wires*
- *Carbon rods*
- *Other conductive IED components*
- *Even in urban metal contaminated environment*
- *People screening*

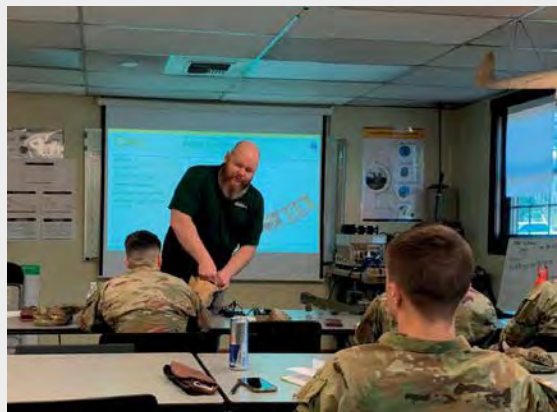


COMPLETE SUPPORT FOR TECHNICAL AND OPERATIONAL COURSES

CEIA USA provides complete support for technical and operational courses, given by certified personnel, either on site or at its own premises. The curriculum includes first and second line maintenance, training for operators and a course for operator instructors.

The teaching activities are backed up by comprehensive documentation, and are divided between classroom seminars and practical work in the field.

- FIRST AND SECOND LINE MAINTENANCE
- OPERATOR TRAINING
- TRAINER-TRAINING PROGRAMS



OPERATIONAL AREA CLEARANCE TRAINING



INDUCTION

INDUCTION HEATING SYSTEMS

For more than 40 years CEIA has been working on the design and manufacture of no-contact Induction Heating Devices for metal treatment. High and medium-frequency generators, control units, optical sensors for measuring temperature and automatic solder-alloy wire feeder devices make up the line of products known as the **Power Cube Family**, which are ideal for industrial processes of heat treatment and braze welding.

CEIA's unique technological solutions allow the manufacturing of power equipment with compact size, calibrated output power, extremely high-energy efficiency and long-term reliability. The high performance they offer contributes to the widespread use of CEIA systems in the most important industrial fields, where they have received the approval of end users and final-product manufacturers.



POWER CUBE® SYSTEM 900: Precision Induction Heating Generator & Controller.



POWER CUBE® SA/80 SERIES: Wideband Low-Medium Frequency 150, 100, 75, 50, 25 kW Generators

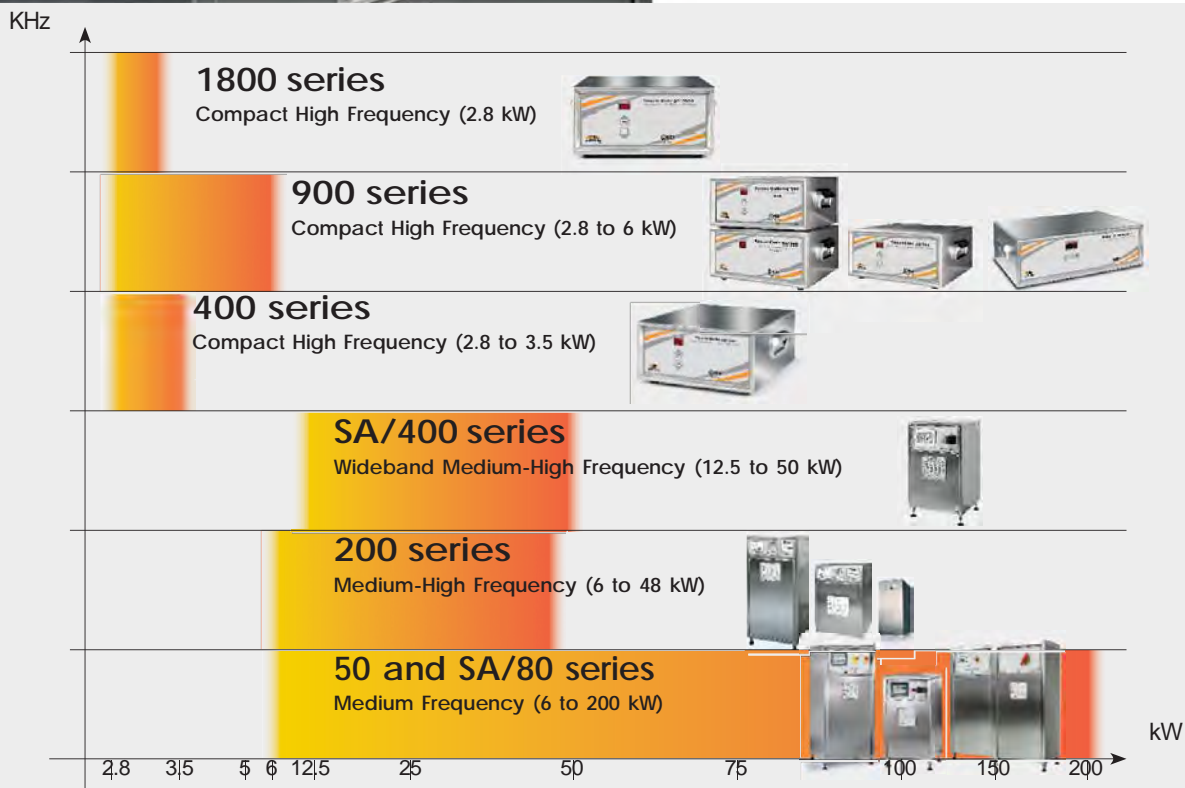
CEIA's unique technological solutions allow the manufacturing of power equipment with compact size, extremely high-energy efficiency and long-term reliability.

GENERATORS



THE CEIA SYSTEM'S ADVANTAGES

- **EFFICIENCY AND COMPACTNESS**
 - ▶ High level of performance with minimal operating costs
 - ▶ Lower energy consumption
- **COMPLETE OPERATOR SAFETY**
 - ▶ EMC and CE certified
 - ▶ Standard galvanic isolation
- **PROCESS CONTROL AND REPEATABILITY**
 - ▶ Auto frequency tuning for optimal energy transfer to any load
 - ▶ Certified stability of power output
- **RELIABILITY AND FLEXIBILITY**
 - ▶ MTBF certified



CONTROL UNITS

The Master Controller V3+ is a multifunction industrial control unit, designed for automatic management of programmable heating processes. All operating parameters for each phase of the heating cycle can be programmed within a wide range of values.



Wire Feeder Dispensers (2)



Power Cube Generator (2)



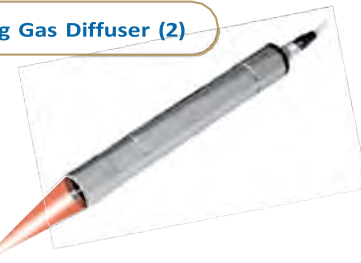
Anti-Oxidizing Gas Diffuser (2)



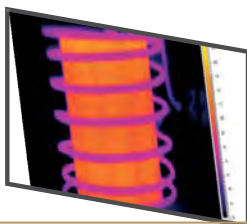
Field Bus Interface



MASTER CONTROLLER V3+



Compact Pyrometers (2)

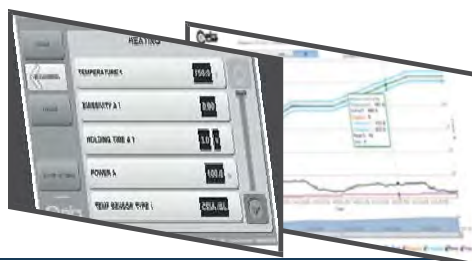


Thermo Camera Control



Thermal Profile Control

Web Server & Data Logger



PTL-32 temperature logger

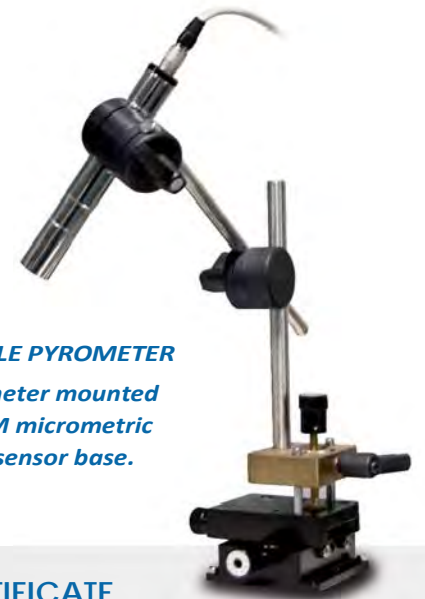


TEMPERATURE SENSORS

SH/SLE COMPACT OPTICAL PYROMETERS

CEIA offers a wide range of infrared optical sensors, equipped with low-intensity LED aiming, which covers an **operating temperature range from 176°F to 3992°F (80°C to 2200°C)**.

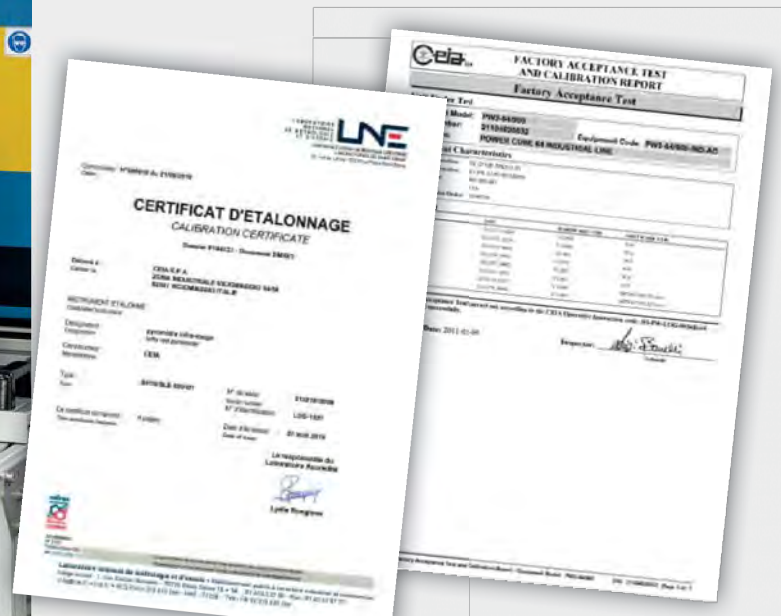
- **SH15/SLE**
 - ▶ Single-color Series from 176°F to 3632°F (80°C to 2000°C)
- **SH2C/SLE**
 - ▶ Dual-color Series from 1112°F to 3992°F (600°C to 2200°C)



SH/SLE PYROMETER
Pyrometer mounted on ES3M micrometric optical sensor base.

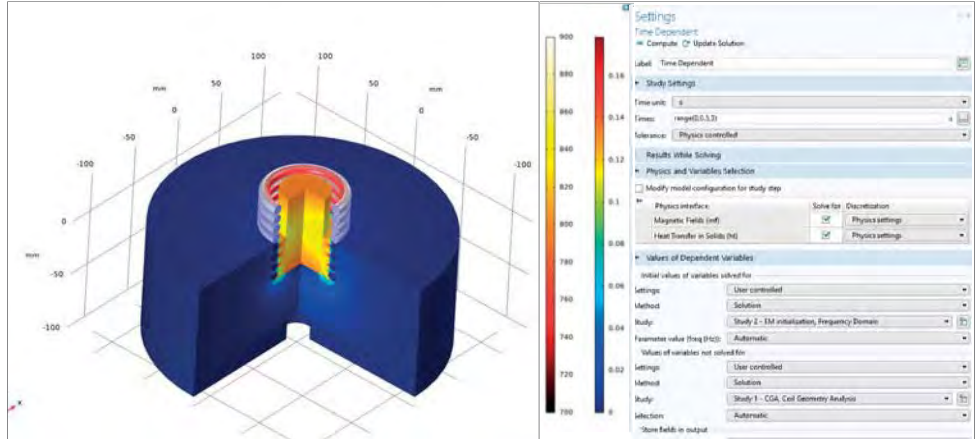
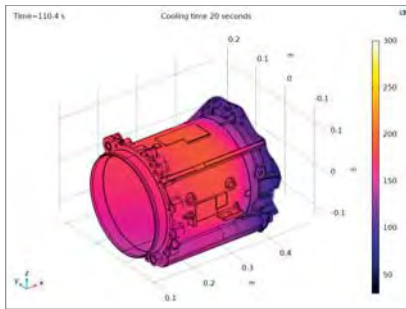
CALIBRATION CERTIFICATE

Digital factory testing, accurate automated calibration and final individual report of the delivered equipment, according to certified references.



ELECTROMAGNETIC COIL DESIGN AND ENGINEERING CAPABILITY

▶▶ CONCEPT



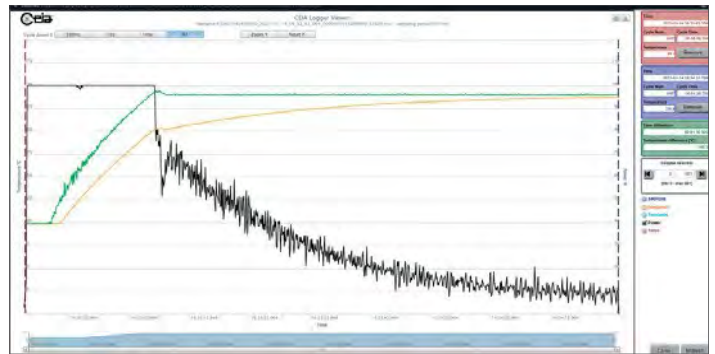
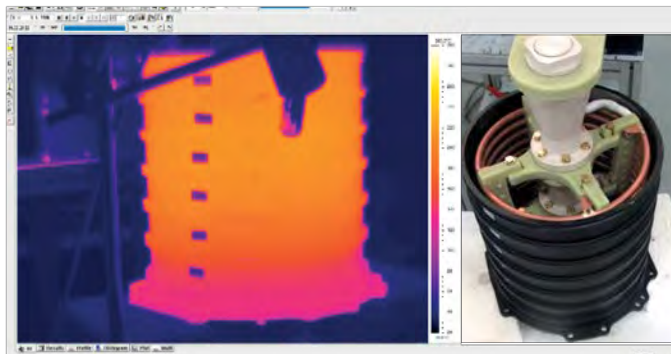
Detailed electromagnetic modeling and analysis to achieve the customer's heating requirement

▶▶ DESIGN



Development of coil design by advanced CAD-CAM software

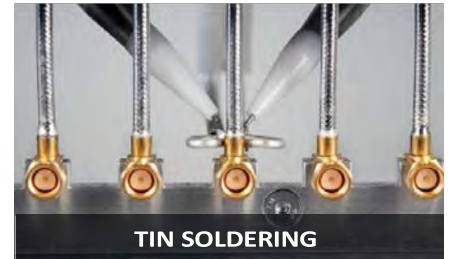
▶▶ VALIDATION



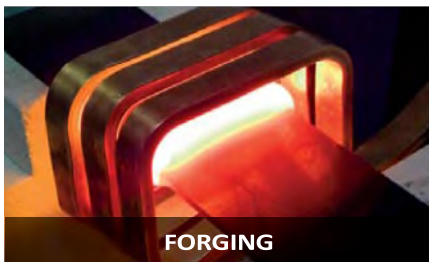
Dedicated laboratory for final testing and validation

EXAMPLES OF APPLICATIONS

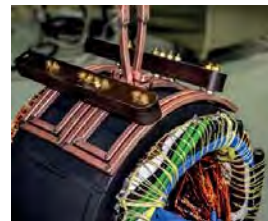
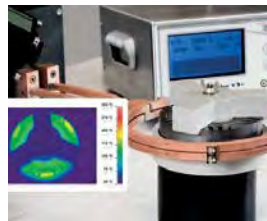
▶▶ BRAZING / SOLDERING



▶▶ HEAT TREATMENT



▶▶ ELECTRIC MOTORS ASSEMBLY



COMPLETE SUPPORT

We are committed to providing unparalleled technical and operational training courses to ensure our customers are equipped with the knowledge and skills needed to excel. Our technical courses delve deep into the advanced features and functionalities of our electromagnetic inspection devices.



CEIA USA LearningHub™ is a secure platform for viewing video resources related to CEIA and CEIA USA technologies. From promotional, demonstration, training and troubleshooting content, LearningHub offers a tailorable learning environment with the potential to share conveniently and securely with your team, customers and recipients.



CEIA USA provides complete support for technical and operational courses, given by certified personnel (**SECURITY & GROUND SEARCH**).

RESEARCH & TECHNOLOGY

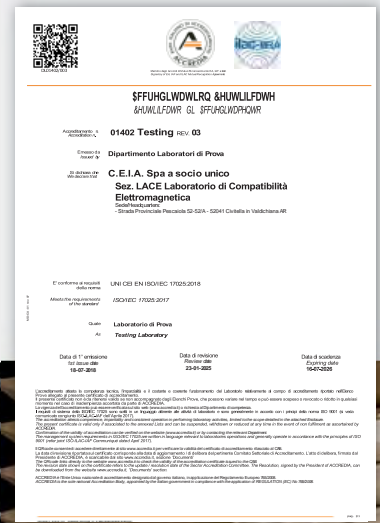


CEIA USA, Ground search Production.

TEST & MEASUREMENT at CEIA USA built to meet Federal and International standards using its on-site RM3.

The quality and reliability levels of CEIA equipment are recognized throughout the world by private companies and governmental institutions, who have chosen it following stringent comparative testing.

COMPLIANCE



www.emc-lace.com

CEIA LACE Laboratory of Electromagnetic Compatibility



User safety is a primary focus of CEIA product development. All CEIA equipment meets or exceeds local and international standards for electromagnetic emissions and immunity as well as electrical safety standards used worldwide. The CEIA EMC Laboratory is accredited according to the ISO/IEC 17025 standard.

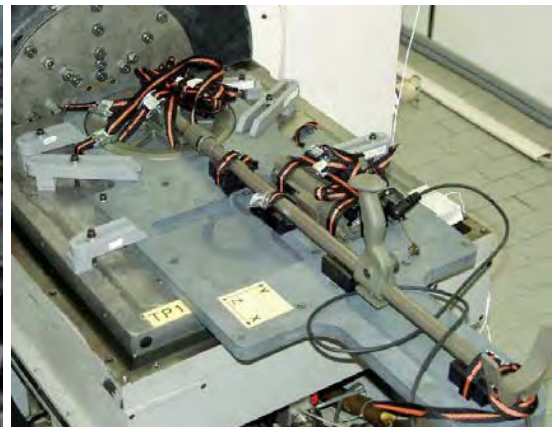
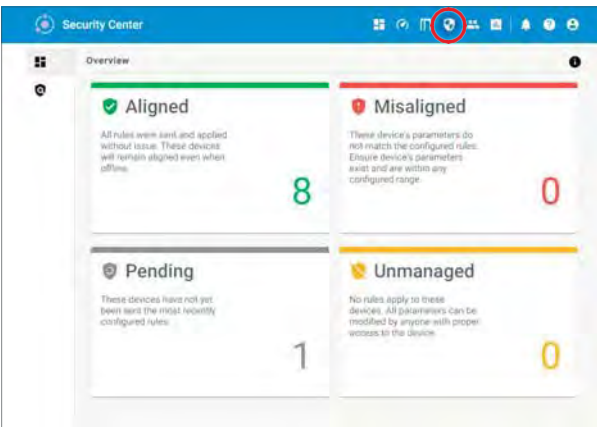
QUALITY CONTROL

CEIA equipment has a strong reputation for reliability and maintenance-free operation. This is achieved through extensive factory testing for product conformance to strict internal standards.

Detailed adherence to **ISO 9001 standards** also provides the traceability to support clients for many years after their equipment goes out of production. The tight tolerances employed during the factory acceptance test produce such consistent devices that field calibration is not required.



CEIA USA receives certification ISO 9001:2015



CEIA's quality system extends throughout the company, from the design stage through production, quality control and after-sales service.