

Autoclear LLC specializes in the design, manufacture, and support of high quality, professional security X-ray scanners and metal detection systems, as well as advanced detection of trace particulate and vapor explosives and narcotics.

Our company reaches worldwide to supply companies, government facilities, militaries, customs, agricultural and electronics inspection, public venues, and events with progressive and high-quality lines of security equipment. Non-invasive detection of contraband has been our specialty and mission for over 80years.

X-ray Scanners, Walkthrough & Handheld Metal Detectors, and Explosive & Narcotic Trace Detection Systems are the three main product lines that Autoclear LLC proudly carries. These three lines made us a standalone niche market in our industry for many years.

Who We Are

Autoclear follows in the footsteps of legendary innovators RCA and Philips, whose groundbreaking technologies provided the foundation for our present-day success.

In the early 1930's, radio pioneer RCA designed a detector that used high frequency electromagnetic waves to identify metal objects. Later in that decade, Federal Laboratories purchased the patent from RCA and engineered the very first metal detectors for correctional facility security based on that technology.

During that same era, N.A Philips U.S.A began production of its landmark medical X-ray systems, and in the years that followed, developed that technology for industrial and security screening applications.

In 1988, Control Screening LLC® was established with the purchase of the North American Philips Security Screening Division. The Scantech® and Dynavision® brands of security scanners set the standards for X-ray inspection across a broad range of high-threat security applications in the U.S. and abroad.

In 1989, Federal Laboratories CheckGate® Division was acquired by Control Screening LLC, and with it a legacy of high-performance metal detection technology. Having pioneered fully digital metal detection for superior

reliability, uniformity, and accuracy, our company also invented and produced the first digital HandWand™ weapons scanner, the Model 6041.

In 2001, Control Screening acquired Scintrex Limited and CPAD Holdings from Canadian manufacturer, Intelligent Detection Systems Inc. This move was a successful effort to broaden our technological base to include state-of-the-art trace substance detection; the collection and analysis of particles and vapors at microscopic levels. Scintrex is a global supplier of some of the most sophisticated threat detection products in the industry.

Our investment in game-changing security technologies led to the 2005 rebranding of our flagship X-ray and metal detector product lines from Control Screening LLC to Autoclear LLC. Autoclear logically derived its new name from N.A. Philips U.S.A's longest-standing line of security X-ray detection equipment, worldwide. This brand name was developed because potential threat items are revealed and cleared randomly by the X-ray operator, with the help of the extensive automated features.

Our Products

Autoclear X-ray's most advanced features that are standard on each machine include: autoMatalert™, RealClear™, autoDensalert™, autosensing™, autoTracking™, autoOutline™, autoScale™, autoCal™, autoNet™, autoTracking™, Automatic Image Archiving™, Built-In Training, Dark & Light Enhance™, Density Scan™, Color/ Reverse B&W, Organic & Inorganic Stripping, just to name a few. Each unit we produce features full baggage coverage with the highest penetration and clarity. Consistent imaging of hard-to-scan loose items (books, magazines, and express envelopes) are patented Autoclear features. Each X-ray model, from the smallest parcel scanner 4535 to largest cargo scanner 150180, also features full baggage coverage with the highest penetration and clarity, and the most ergonomic and modular design. Technologies such as Dual View (organic and inorganic stripping displayed on two monitors from two different angles of the item being viewed) and Backscatter (a precise transmission and backscatter image on one monitor shown in bright color to make areas of concern easier to identify) are new-comers to the X-ray family and are available in widely desired mid-size models.

The CheckGate 9000 walkthrough metal detector continues to set the highest of standards set in the 1930's by Federal Laboratories. This model has been

installed at airlines, Federal Court and prison systems, numerous power plants, schools, airports, and other high throughput and high security facilities. Like the 9000, Model 8000 was designed for high throughput and great adaptability. Model 8091 correctional metal detector is the pacesetter for the heavy duty institutional and high-sensitivity applications. HandWand™ 20 and SuperOmniPlus™ are two handheld units that are ergonomic, reliable, and accurate. Our family of metal detection systems boast low false alarm rates and efficiency maximized with the highest throughput rates.

Explosive and narcotic lines from Scintrex are available in ergonomic handheld models and desktop models. The desktop model, E5000 (or EN5000) is able to detect trace amounts of explosive substances in particulate form. Model EN5000 can dually detect particulate explosives and narcotics using a different setting for each on the machine. The handheld explosive detector models are available in either particulate or vapor mode, or both. They are able to detect a wide array of explosives, such as PETN, RDX, TNT, dynamite, Semtex, C-4, peroxides, TATP, etc. Our handheld narcotics detector, the N2200, is able to detect traces of opiates, cocaine, heroin, fentanyl, methamphetamine, etc.

R & D

Autoclear's (and Scintrex's) innovative field research and creative development work in coherent CRXS diffraction and Compton backscatter X-rays, multi-view X-rays, laser, chemiluminescence, ion mobility spectroscopy, and suicide bomb trace detection have led the industry for two decades. Our novel R&D work is changing the speed, ease, and sophistication of threat detection. These efforts are conducted at our New Jersey headquarters and Ottawa plant by our talented engineering staff and have included special projects for the FAA, DOD, DOJ, and the US Department of Customs, and many international agencies.

Sales & Support

All design, manufacture, and testing are performed at our main plant and headquarters which is now in Pine Brook, New Jersey. A recent move from Fairfield, New Jersey, our new basis of operation provides a better and more streamlined approach to all of the aspects of our industry. We offer comprehensive factory and on-site training, our demo room is ready and awaiting onlookers, and our in-house and field service professionals provide fast and first-rate customer support.

Our helpful Customer Service and Sales Representatives are always willing to talk the customer through any situation he/she may be experiencing with one of our machines. We maintain highly trained, rapid-response service offices worldwide, and Autoclear has direct sales offices or authorized agents and distributors globally, who provide dependable service and support.

Autoclear has over 60 independent agents and distributors overseas who provide service and sales assistance. In addition to the sale of our products, all of our locations are equipped to support turnkey rental and leasing needs of our customers, 24-hour maintenance contracts, and any required radiological surveys. Through the expertise of our International Sales and Service Departments, we provide our overseas clients with systems designed to integrate with their specific requirements.

Standards and Certifications

Autoclear's X-ray Security Systems are radiation-safe, present no radiation hazard to the general public, and meet the requirements of the Handbook 93. When the systems are shipped and properly maintained, the radiation safety of the operator(s) is guaranteed. Operator and Maintenance Manuals are supplied with every order. Our X-ray Security Systems comply with all published international standards.

Choose a category to see all options:

X-ray Inspection



X-Ray

Metal Detection



Metal

Trace Detection



Autoclear

Trace

Backscatter



Autoclear

Backscatter