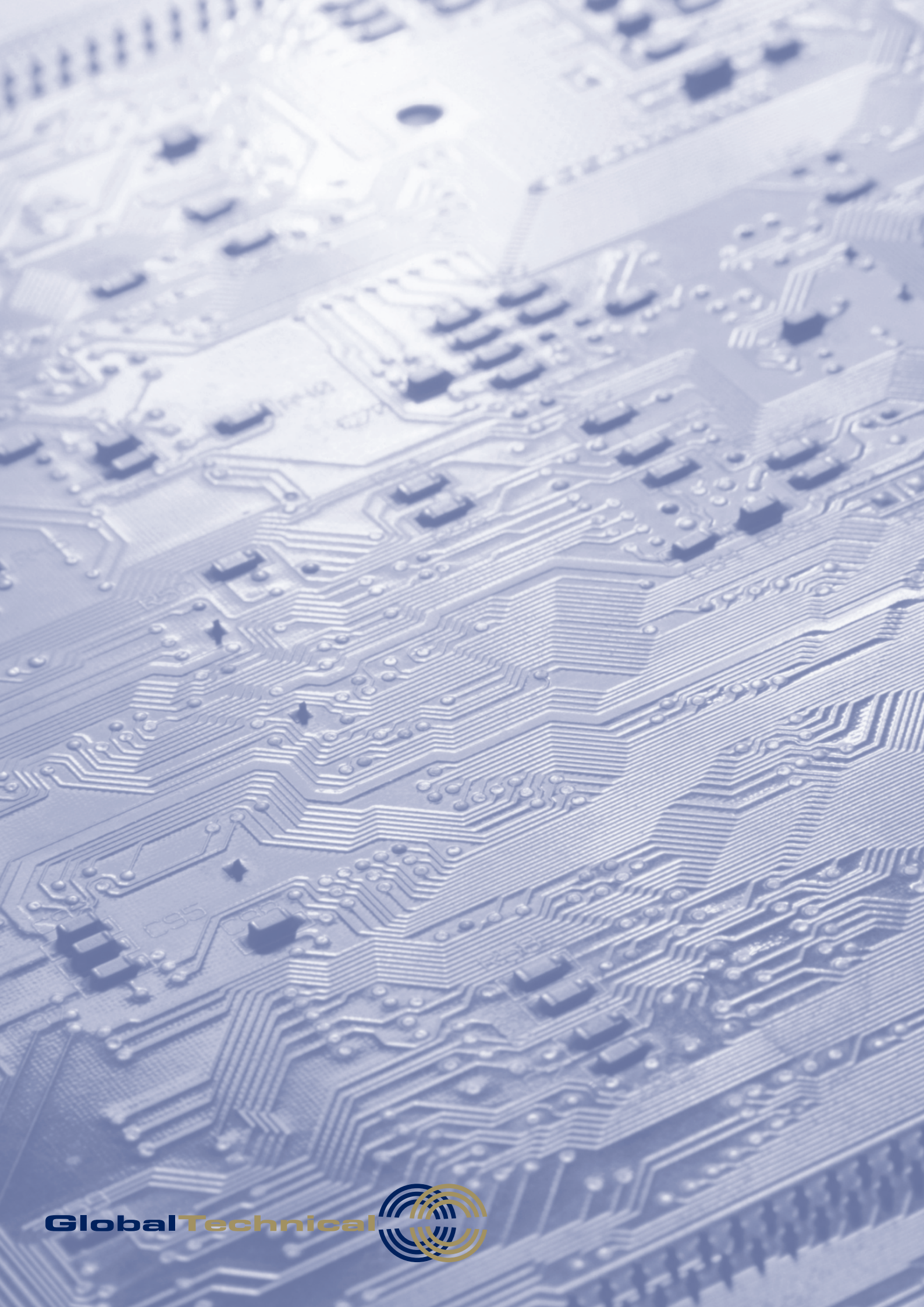# GT200

REMOTESUBSTANCEDETECTION

GlobalTechnical

Global Technical Ltd has been at the forefront of the development of stand off technology for the detection of Narcotics, Explosives and Weapons.

The **GT200** has been continually upgraded and improved during its lifetime and now is the most reliable and advanced system of its type. Many trace detection systems are available on the market today using outdated technology in an attempt to match the effectiveness of the **GT200**.

Two test reports are available that confirm the effectiveness of our technology. One is from the British Army and relates to the search of explosives. The report confirms the technology is ideally suited to stand off detection of explosives. This is an important reference from the Royal Engineers who are the foremost authority in the UK for explosives search and disposal, having gained experience from the troubles in Northern Ireland and operations around the world.

The second report is from the Netherlands Ministry of Defence relating to the East Caribbean Task Force operations for narcotic interdiction. The report details the effectiveness of the system in sea and air operations.

The system is in use in 25 countries world wide.

The system has been developed to allow the search of large areas and reduce them to small locations that can then be searched with existing technologies such as the canine. The **GT200** allows for all types of drugs or explosives to be searched for in one operation, unlike our competitors who have to make the search a number of times to determine the substance.

Vehicle Check points

The **GT200** allows for the successful screening of every vehicle coming through the VCP, eliminating the requirement for random selection. The substances can be detected even if it is transported in oil/ petrol or perishable goods such as fish. Lorries, cars and public transport can be screened in seconds.
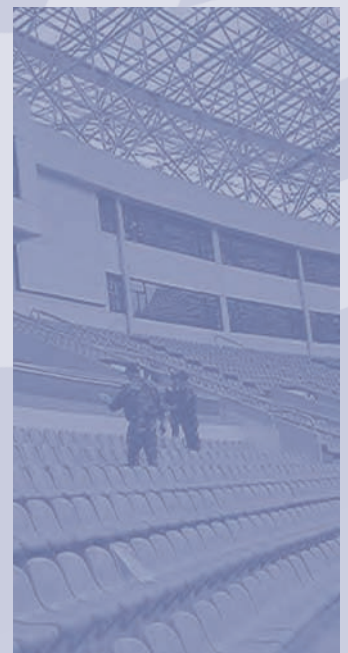
Ports Control

With the advent of the new rules for screening containers at ports, authorities are struggling to screen the required amount and often funds are restricted to allow the purchase of sufficient container search systems, but by using the **GT200** all containers and goods entering or exiting the port can be screened in seconds for nuclear, explosive and narcotic materials. The **GT200** can identify the location within the containers without having to break the customs seal as well as being used for general port security operations.

Open Area

The **GT200** allows for area reduction when conducting large area searches in open country and mountainous terrain, reducing the overall search time and focusing only on those indicated locations. Buried arms caches, narcotics stores and underground tunnel systems can be detected from distances of over 500m.

Air Operations

Using the **GT200** from the air enables Rapid Reaction Forces to respond immediately to intelligence or the result of an airborne search. By combining the ammunition, explosives and human sensor cards we can scan jungle canopies in the search for terrorist training camps or drug factories. In addition, by programming the unit correctly, we can search and detect poppy, cocoa and marijuana planting areas.

Naval operations

The **GT200** is extremely effective for long range screening of sea vessels as well as coastline operations. The system can be used from the helicopter in the initial search and confirmed with the use of the coastguard vessel. It will detect the substances in any disguise of packaging even if it is in the water under the vessel or being towed behind.

The **GT200** is used for searching coastlines for buried narcotics and weapons shipments. It will allow detection down to a minimum of 15m in the sea or land.

The **GT200** will detect submersibles.

Building Search

Intelligence can be confirmed without having to enter a building and compromise the operation. Warehouses can be searched from some distance away without the knowledge of the owners. Any thickness of wall can be penetrated, whether concrete, metal, brick or lead.

GlobalTechnical

GT200

SPECIFICATION

SIZE	270mm x 75mm x 45mm
WEIGHT	180g
OPERATING TIME	UNLIMITED
POWER SOURCE	STATIC ELECTRICITY
DETECTION METHOD	DIA/PARA MAGNETISM
SENSOR CARD MTBF	12 YEARS
DETECTION DISTANCE	
LAND	700m
SEA	850m
AIR	4000m
UNDERWATER	500m
UNDERGROUND	60m
SET UP TIME	4 SECONDS
MINIMUM DETECTION QUANTITY	PICO GRAM
DELAY TIME BETWEEN INDICATIONS	20 SECONDS
OPERATING TEMPERATURE	-40 to +65 deg C
NUMBER OF SUBSTANCES DETECTED IN ONE OPERATION	MAXIMUM 86
NUMBER OF SUBSTANCES IDENTIFIED IN ONE OPERATION	1

DETECTION SUBSTANCES

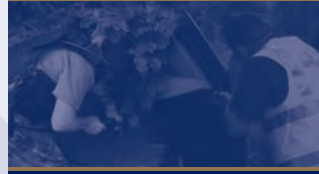|	
DRUGS	Cocaine - Cocaine [powder and liquid], Crack, Cocoa Leaf, Cocaine based medicine.Heroin - Heroin, Heroin Based medicine.Cannabis - Marijuana, Cannabis, Hemp, Large tobacco shipments [leaf and cigarettes] Plant Amphetamine/D Methamphetamine/Ecstasy LSD, PCP, Shaking Head, Ecstasy, amphetamine, d-meth.Opium Opium based medicine, opiates, opium, morphine Poppy plant. Mesaklol. Mandrex. Kiptogan. Ketamine
EXPLOSIVES	Ammunition, black powder, propellants, C4, C1, C2, PE4, Semtex, RDX, TNT, PeTN, Nitroglycerine, Dynamite, Picric Acid, Tetryl, Hexogen, Octogen, Chlorates, Perchlorates, Slurry Explosives, Water gel explosives, Emulsion explosives, Rubber explosives, Nitroguandine, DNT, Ammonium Nitrate, AMFO, ANNIE, TATP, gunpowder, nitrate, MNX 194, PAX explosives 21/25/28/41, RS-RDX, Amatol, Baratol, Comp A, Comp B, Comp B3, Comp A-5, TNB, CH6, Cyclotol, Detasheet, Gelatin, H6, HBX, Minol, Octol, PBX, Pentolite, Tetrytol, Torpex, HMX, Hydrazine, Methyl Nitrate, Potassium Chlorate
OTHER SUBSTANCES	Uranium Acetate Aluminium Powder Human Bodies Currency Poison Ivory

Product range

GT300
CELLULAR JAMMING SYSTEMS
GlobalTechnical

GT350
WIDE-BAND JAMMING SYSTEMS
GlobalTechnical

GT400
ADVANCED SEARCH EQUIPMENT
GlobalTechnical

GT500
DIGITAL COVERT SURVEILLANCE
GlobalTechnical

GT2000
STRUCTURAL STRESS ANALYSIS
GlobalTechnical

GT3000
ADVANCED LASER MICROPHONE
GlobalTechnical

GT5000
REMOTE EXPLOSIVES DETECTION
GlobalTechnical

GT6000
WIRELESS CCTV NETWORKING
GlobalTechnical

GT9000
PROFESSIONAL TRAINING COURSES
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