

# *Contraband and Search Equipment*



## The Buster K910BE

The **Model K910BE Contraband Detector** tried and proven for many years can positively detect drugs, explosives, weapons, currency and much more. It's a fast and effective way of detecting contraband in objects such as containers, tyres, car doors, fuel tanks and other objects such as vehicles, trucks, boats and airplanes which can contain illegal substances. Carried on the belt, this lightweight unit allows use of both hands when not being operated.



### Survey Meter

The ultra high sensitive detector system doubles as an efficient radiation survey meter for the detection of illicit radioactive shipments.

### K910BE Buster Key

- 1 K910BE Contraband Detector
- 2 Transportation Case
- 3 Carrying Holster
- 4 Remote Display with Connecting Cable
- 5 PN-30 Pencil Probe
- 6 Earpiece for discreet use
- 7 Long Life 9V Battery
- 8 Calibration Standard

### BUSTER will positively detect concealed

- DRUGS
- EXPLOSIVES
- WEAPONS
- SECRET COMPARTMENTS
- CURRENCY
- WORKS OF ART
- JEWELLERY
- RADIOACTIVE SOURCES

### K910BE Buster with accessories



### In Use with the

- CUSTOMS SERVICE
- NATIONAL GUARD
- COAST GUARD
- DRUG ENFORCEMENT AUTHORITIES
- ARMY, NAVY AND AIRFORCE
- PHARE
- EUROCUSTOMS
- OLYMPIC GAMES
- EXPORTED TO OVER 70 COUNTRIES AROUND THE WORLD

## CT-30E Kit

This Contraband Enforcement Team - CT-30E Kit provides a variety of instruments in a reinforced, custom padded compact case, easy to store and transport, always ready to take to a search site. It includes an assortment of tools and instruments for the detection of contraband materials in confined spaces.

### Principle of Operation

The Model K910BE Contraband Detector indicates the difference in density between contraband (drugs, explosives, weapons, currency, etc.) and the object in which the contraband is hidden... for example, an "empty" tyre filled with air as opposed to an "illegal" tyre filled with drugs or an "empty" cross member in a freight container stuffed with contraband. It also detects radioactive materials.

Buster directs a beam of energy into the object being inspected. A filled space reflects back more energy than an empty space. As Buster is moved across the surface of the object, the measurement is displayed on a digital LCD, and an alarm sounds if the density changes, or radioactive material is encountered.

### K9-150B Extension Arm (Optional Item)

The aluminum Telescoping Extension Arm extends out to almost 5 metre including the length of the Clamp Assembly. The Clamp Assembly,



mounted to the far end of the Arm, securely holds the Buster, permitting placement against the exterior of high vehicles, ceilings, or other locations more than arms length from the inspector. The results can be read directly from Buster or using the Remote Display.

Lengths available are:

**Standard:** 1.52 - 2.43 m

**Long:** 2.13 - 3.65 m

**Extra Long:** 2.74 - 4.87 m

### Remote Display (Included in Kit)

The Remote Display is connected to the K910BE Buster by a flexible stretch cable which extends to 1.21m to permit use of the Buster in spaces which are inaccessible for direct viewing.



### Examples would be:

- Underneath vehicles
  - Exterior walls of high sided vehicles
  - Behind the inner walls of tyres on cars or trucks
  - On the roofs of vehicles
  - Inside cabinets or closets in caravans or RV's
- May be used separately as well as with extension pole

The Remote Display can be carried attached to the extension arm or on a belt using its integral pocket clip and it uses the same common 9V battery as is used in the Buster.

### Laser Measuring Meter LRF-1 (Included in Kit)

This unit is used to detect false walls or bulkheads in the interior of vehicles when the exterior dimensions are known or can be measured. No need to unload the cargo – as long as the back wall can be seen, the unit will indicate its distance correct to  $\pm 3$  mm.



**CT-30E Kit**  
with accessories  
(key of contents see below)



**Typical Inspection Procedures**

**Tyres** - Compare readings on a known “clean” tyre to readings on a “suspect” tyre. High display values indicate something is in the tyre.

**Car Doors** - Normalise Buster on centre of door with window up. Changing display and alarm will locate contraband behind panels.

**Fuel Tanks** - Normalise Buster on the underside of the tank. Sweep across underside of tank and observe changes in display or alarm.

**Walls and Lined Containers** - Normalise Buster on the wall. Move Buster horizontally over the wall noting changes in display and alarm as structural members are detected.

**Aircraft** - Use in same manner as on car doors and on walls.

**Trucks, Caravans, Buses, Trains, etc.** - Normalise Buster on objects to be inspected: tyres, fuel tanks, water tanks, wall mattresses, compartments, ceilings, etc. Move Buster over the object and investigate unaccountable changes in readings as indicated by the display and the alarm.

**Identical Packages, Flower Shipments, etc.** - Physically inspect one package, then normalise Buster on this package. Move Buster over remaining packages and investigate unaccountable changes in readings which deviate from the original trial package.

**Boats and Ships** - Test bulkheads, cabin insulation, decks and overheads, fuel tanks and storage areas for false compartments.

**Freight Containers** - Check walls for hidden panels, examine cross members which may have contraband hidden in them.

**CT-30E Kit with accessories**

- |                              |                              |
|------------------------------|------------------------------|
| 1 CT-30E Transportation Case | 15 Fiberoptics Viewer        |
| 2 Laser Measuring Meter      | Safe-Ground™ Assured         |
| 3 Mirror for PM-10           | Non-Conductivity Safety      |
| 4 PM-10 Extending Inspection | (Available in various        |
| Mirror with Flashlight       | configurations)              |
| 5 P41 Set of Probes          | 16 Hi-Light™ Handle          |
| 6 PN-30 Pencil Probes (3)    | 17 Car Cigarette Lighter     |
| 7 Remote Display with        | Power Connector              |
| Connecting Cable             | 18 Digital Camera Adaptor    |
| 8 Spare Velcor & Mylar       | (DCA) for Fiberscope         |
| 9 Instruction Manuals        | 19 Upholstery/ Door Wedge    |
| 10 9V Battery                | 20 Fuel Tank Probe           |
| 11 K901B Contraband Detector | 21 Extended Life Battery for |
| 12 Carrying Holster          | Fiberscope with Cable        |
| 13 Headset                   | 22 Multi-Voltage Adaptor for |
| 14 Calibration Standard      | mains use                    |
|                              | 23 Battery Charger           |

# Articulating Fiberscopes – For Contraband Detection

Our high-performance fiberscopes provide clear, sharp images of inaccessible areas, making remote inspection, evaluation and imaging possible in almost any situation.

They offer durable construction and exceptional value in a range of diameters and lengths. Simple knobs control the articulation while a focusing eyepiece enhances high-resolution imaging and accommodates 35mm and video cameras. The flexible shaft resists water, gasoline or diesel and jet fuels, simplifying inspection of liquid-filled vessels. **Assured non-conductive safety by direct grounding.**



Inspecting a car fuel tank



## Applications

- CUSTOMS INSPECTIONS
- BOMB SQUAD / SWAT
- POLICE INVESTIGATIONS
- SURVEILLANCE

## Easy to use Inspection Systems

The 6mm and 8mm articulating fiberscopes quickly locate contraband in hard-to-reach areas. These systems are used daily by national, international, and government law enforcement agencies to successfully detect concealed materials. Both the 6mm and 8mm systems include a fuel proof fiberscope, portable illuminator and all the accessories needed for on-site inspection, together with Integral Ground Connection with a 1.21 m ground lead for non-conductive safety.

In order to enhance performance, these systems have been totally redesigned to improve articulation, image and brightness. Our Fiberoptics Inspection System is a critical equipment addition for customs, police departments, and countless others who need extended visibility in otherwise inaccessible areas.

A range of fiberscopes to suit every operational requirement and budget, with 2 or 4 way articulation and in lengths from one metre upwards. Larger bundle size gives higher light transmission and viewing resolution.

### Optional Equipment

- Compact colour video camera
- Separate light guides for remote light sources
- Monitors and recorders

## Fiberscope Inspection Systems Key

- 1 Extended Life Battery with Integral Power Cable
- 2 Fuel Tank Probe & Upholstery/Door Wedge
- 3 Hi-Light™ Handle
- 4 Battery Charger
- 5 Multi Voltage Adaptor for Main Power
- 6 Digital Camera Adaptor (DCA) for Fiberscope
- 7 Fiberoptic Cable
- 8 Connection Cable
- 9 Fiberoptic viewer with Safe-Ground™ assured non-conductive safety
- 10 Car cigarette lighter power cord

Also available: A range of Fiberscopes for Surveillance

## In use with the

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DRUG ENFORCEMENT AUTHORITIES • ARMY, NAVY AND AIRFORCE  
PHARE • EUROCUSTOMS • OLYMPIC GAMES  
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