

REV.	ZONE	DESCRIPTION	DATE	BY	APVD.
1	-	Release per ECO-06050	10/27/14	C. Millsaps	V. Vartanian

IMPORTANT INSTRUCTIONS – MUST READ



**SHIPPING INSTRUCTION
(VIA COMPANY OR PERSONAL VEHICLE)
OF
HANDHELD EXPLOSIVES TRACE DETECTOR
DETECTRA HX**

 An OSI Systems Company	2805 Columbia Street Torrance, CA 90503
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Description:
SHIPPING INSTR, COM OR PERSNL VEHICLE, RAM-RF-0006

DRAWN BY: C. Millsaps	DATE: 10/27/14	ECN No.: 06050	
CHECKED BY: M. Shahabidin	DATE: 10/27/14	DRAWING NO.: 101001178	REV.: 1

USED ON: 20111575, 20111599	NEXT ASSY: 23113300	APPROVED BY: V. Vartanian	DATE: 10/27/14	SHEET 1 OF 6
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Rapiscan's Handheld Explosives Trace Detector, model DETECTRA HX, contains a small amount of radioactive material.

The Ion Mobility Spectrometry (IMS) Cell Assembly contained within the tamper proof interior of the Rapiscan Systems Model DETECTRA HX hand held explosive detection device contains a small quantity of the radioisotope, Americium-241 (AM-241). Shipping radioactive substances is regulated by National and International Transportation laws. These laws must be followed with great detail.

WARNING: ANYONE WHO SHIPS, TRANSPORTS, OR RECEIVES A RAPISCAN SYSTEMS MODEL DETECTRA HX MUST BE TRAINED IN ACCORDANCE WITH (IAW) THE NATIONAL AND INTERNATIONAL TRANSPORTATION TRAINING REQUIREMENTS.

WARNING: THE MODEL DETECTRA HX MAY NOT BE TRANSPORTED AS CHECKED OR CARRY ON LUGGAGE ON PASSENGER AIRPLANES IAW TRANSPORTATION REGULATIONS.

THE FOLLOWING INSTRUCTIONS HAVE BEEN PROVIDED TO THE END-USER TO ASSIST IN THE PROPER TRANSPORT OF THE MODEL DETECTRA HX VIA COMPANY/PERSONAL VEHICLES (For example: the DETECTRA HX is transported to a remote location within an employee's company car).

IT IS ULTIMATELY THE RESPONSIBILITY OF THE SHIPPER TO COMPLY WITH TRANSPORTATION REGULATIONS.

INSTRUCTIONS

1. All packaging must be designed to prevent a release of hazardous material during normal transportation or storage of the material. (See #3)
2. For the Rapiscan Systems Model DETECTRA HX, packaging and its contents must satisfy "Excepted Package" requirements of Transportation regulations (See #3)
3. Use the Model DETECTRA HX carrying case supplied by Rapiscan Systems as the shipping package to ensure the Excepted Package requirements are met per items #1 and #2 above).
4. Transportation regulations require "clear and legible" marking of the UN number on the outside of an excepted package. The UN Number for Rapiscan Systems Model DETECTRA HX in excepted packages is **UN2911**. Air transport regulations also require a specific label to meet this requirement. In order to meet compliance with the Transportation regulations, Rapiscan has placed the label below on the carrying case prior to shipping the Model DETECTRA HX to the end user.
5. Verify that the transport label pictured below is on at least one side of the package (i.e., carrying case). If it is not, you must attach this label prior to shipping.



6. Confirm that within the case there is a copy of the "Excepted Package Certificate" provided below. The end user must list an emergency contact that is aware of the details of the shipment. Transportation regulations require that the emergency contact be readily available by phone 24 hours in the event of an emergency during transport.
7. Transportation regulations require that all openings containing the radioactive device be secured against unauthorized access during transport. In order to meet this requirement Rapiscan recommends using a onetime use security tag. These tags can be purchased at most shipping material suppliers. Once the package has been made ready for transport, close the transport case and secure the case using a one-time security tag as pictured below. Be sure to loop the tag through the padlock hole on the pelican case as seen below.



8. Prior to transport, the Transportation regulations require that all packages be surveyed for removable contamination. To meet this requirement, there must be either; 1) a current device leak test record within the past 6 months; or 2) the end user must perform a removable contamination survey on the external surface of the package used for transport to demonstrate compliance with Transportation regulation removable contamination limits.
9. A copy of either item 1) or 2) above must be placed inside the carrying case during transport along with the "Excepted Package Certificate".
10. Rapiscan Systems, Inc. recommends that, if you are going to ship/transport the DETECTRA HX regularly in commerce, a 6 month device wipe test be performed on the device. This eliminates the need to perform a package wipe test each time the Model DETECTRA HX is shipped/transported. It is the ultimate responsibility of the end user to comply with Transportation Regulatory Requirements.
11. When transporting the Model DETECTRA HX, ensure the "Emergency Instructions" provided below with these instructions are accessible to the driver.
12. At this point, the Model DETECTRA HX is ready to be transported by ground in your company's vehicle or your personal vehicle. During transport, the carrying case containing the Model DETECTRA HX should be placed within the cargo compartment of your vehicle and secured so that it does not move during transport.

EXCEPTED PACKAGE CERTIFICATE

THIS PACKAGE CONFORMS TO THE CONDITIONS AND LIMITATIONS SPECIFIED IN 49CFR173.424 FOR RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, INSTRUMENT OR ARTICLES, UN 2911.

Shipper: _____

Destination: _____

EMERGENCY CONTACTS

To be completed by the Shipper

Emergency Contact Name Phone Number (24-Hour)

EMERGENCY PROCEDURES

Lost or Stolen Instrument

Damaged Instrument

**THIS PAGE CONTAINS INSTRUCTIONS IN THE
EVENT OF AN EMERGENCY**

**If this instrument is lost or stolen, notify your
Radiation Safety Officer (RSO) or the
equivalent responsible individual at your
company or institution immediately.**

**Minor Damage- if the instrument is intact, but
there is indication of an unsafe condition,
such as a cracked case, mechanical failure, or
functional failure, proceed to the following
steps:**

- 1. Place the instrument into the carry case and secure the device from use.**
- 2. Notify your Radiation Safety Officer or the equivalent responsible individual at your company or institution.**
- 3. The RSO should call Rapiscan Systems Customer Service for additional instructions and guidance for return of the damaged device.**

**Major Damage-Instrument is not intact
proceed to the following steps:**

- 1. Using disposable gloves, collect all pieces of the instrument and place into a bag, place used gloves in the bag, and secure the bag opening with duct tape or equivalent.**
- 2. Using disposable gloves, place this bag into a second bag, place used gloves inside second bag and secure the bag opening with duct tape or equivalent.**
- 3. If the Model DETECTRA HX is beyond repair, there are no regulatory restrictions for disposal or you can contact Rapiscan Systems Customer Service Department for assistance.**