



GAB. PRES. (O) 93 / 6569

ARCHIVO

ANT.: S/N

MAT.: Equipo detector de drogas y explosivos "IONSCAN"

Santiago,

28 DIC. 1993

DE : SR. MARCELO TRIVELLI OYARZUN
Asesor de S. E. el Presidente de la República

A : SR. GUSTAVO VILLALOBOS SEPULVEDA
Asesor Jurídico del Consejo Nacional
para el Control de Estupefacientes

He recibido de los representantes de la firma Barringer Instruments, Inc. en Chile, señores Centurión 2000, antecedentes del equipo indicado en la referencia, para su evaluación y atención.

Cualquier información adicional que requiera sobre el tema, le agradezco solicitarla al señor Fernando Vial Clark, representante de la firma proveedora, teléfonos 633 2789 ó 639 5405.

Lo saluda atentamente,



Marcelo Trivelli Oyarzún

Incl.: Lo indicado

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MTO/icm



Santiago 30 de Noviembre de 1993

Sr. Marcelo Trivelli Oyarzun
Asesor de S.E. el Presidente
de la Republica
Palacio de la Moneda
Presente

Estimado Marcelo:

Ratificamos nuestra reunion sostenida el dia de hoy, por lo que me permito hacer una breve descripcion del tema expuesto como sigue:


" El detector de drogas y explosivos IONSCAN " es un espectometro movil de iones que succiona y que puede vaporizar una substancia y luego medir el desplazamiento de la molecula, para obtener la identificacion de la substancia y un reporte impreso con una descripcion detallada de los componentes, que posteriormente se puede utilizar para los procedimientos legales correspondientes.

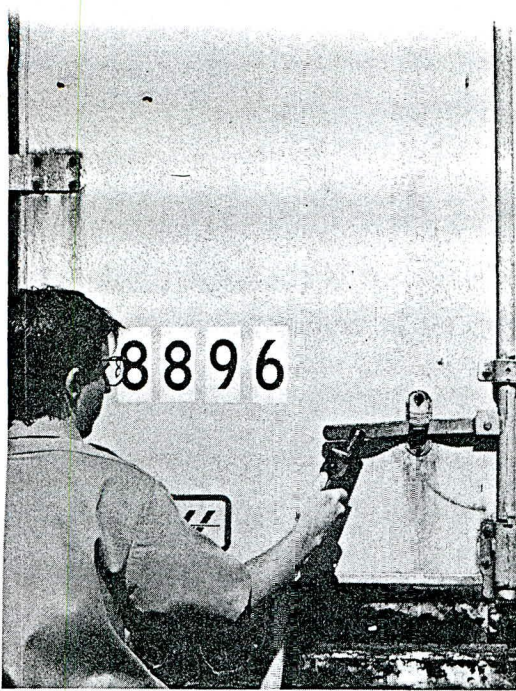
La maquina es portatil y todo el equipo pesa 120 Kgs; ademas, es programable para identificar todo tipo de droga o explosivos que se desee identificar; rapida, actua solo en 4.2 a 4.9 segundos; facil de operar y ha estado en uso efectivo en los ultimos tres anos en el FBI, DEA, Aduanas, Guarda Costas, Patrullas de Frontera, Servicio de Prisiones de los EE.UU.

El fabricante y sus representantes en Chile estan interesados en hacer una presentacion en vivo y directo con la maquina a las Autoridades Chilenas sin ningun costo, para lo cual se necesita coordinar una fecha apropiada en los primeros dias del proximo ano y una lista de los participantes que se estime deberian conocer este sistema.

Atento a su pronta respuesta, aprovechamos la oportunidad para saludarle

Muy Atentamente


Fernando Vial Clark



IONSCAN[®]
fast, low cost
non-invasive
drug/explosives
detection and
identification





Now there's a 4-second drug test!

By RICH CROSS
Senior Technical Editor
215-964-4517

While it sounds like science fiction, a four-second Ionscan drug tester from Barringer Instruments, New Providence, N.J., is available to fleetmen today. Envision this sequence of events:

(1) Using a battery-powered vacuum cleaner tipped with a filter-tab holder, "sniff" a driver's log book or the steering wheel of his truck;

(2) Place the reusable Teflon filter tab into a portable Ionscan, operated by 7-hr rechargeable batteries or AC power (or use a continuous reading, in-line probe and 750-sample/reel-to-reel system in lieu of individual filters). A yellow light indicates the sample is being analyzed. Four seconds later, you either get: a green light (no illegal drugs found); a red light combined with an audible alarm and an on-screen message identifying which illegal drug was detected.

(3) Optionally, you can then interface the machine (directly, or remotely...via telephone modem) with a personal computer and printer to obtain a hard copy of the test result.

(4) If the test result suggests drug abuse, it may provide sufficient "probable cause" for a conventional drug test and/or further investigation of the driver under suspicion.

The Ionscan uses a narcotics and explosives detection technology called Ion Mobility Spectrometry. According to its maker, the machine has been evaluated and smiled upon by the Drug Enforcement Agency, Federal Aviation

Administration, U.S. Customs Service, Canadian government and various state/local law enforcement agencies.

This machine automatically self-calibrates at every use, is easily programmed for the desired level of sensitivity (down to a billionth of a gram for narcotics and a trillionth of a gram for explosives), and is so simple that virtually anyone can use it instantly. Up to 10 filter samples per minute can be analyzed.

Permitted to experiment with the device, I briefly touched a few grains of cocaine with the tip of one finger, then handled a piece of paper that was positioned on a table with three "clean" but identical samples of paper.

When the four papers were tested, the "dirty" sample immediately triggered an alarm, caused a "cocaine" warning message to appear on the Ionscan's screen and permitted an immediate hard-copy

printout from the adjacent personal computer.

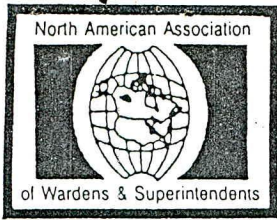
The Ionscan can be user-programmed to simultaneously look for any nine narcotics. As an example, it can screen for cocaine, heroin, THC, amphetamines, methamphetamines, LSD, PCP, procaine and morphine. Or quickly change the programming to check for a host of explosives and noxious chemicals, to check questionable freight or ticking parcels in the morning mail.

According to Ken Wood, president of Barringer Instruments, "we've never seen a false alarm or failure to detect cocaine, for instance, during the tens of thousands of tests conducted by customers of the Ionscan."

While an Ionscan costs about \$70,000, lease-purchase arrangements can often bring the monthly cost to around \$3,000 or less. For more information, FAX Ken Wood at 1-908-665-8298. □



To operate Ionscan, put filter into device on left side, then slide it left to start analysis. Wait four seconds for green light (no drugs) or red light and alarm.



THE GRAPEVINE

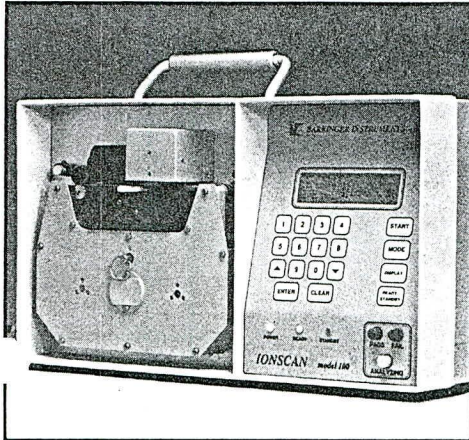
NO. 1

NAAWS GRAPEVINE NEWSLETTER

1992

New Technology

Everett I. Perrin, Jr.
South Florida Reception Center



If you are interested in knowing if you have a problem with the introduction, storage or use of illicit drugs by inmates or staff at your institution, there is a new piece of equipment that can quickly tell you. The IONSCAN is manufactured by Barringer Instruments Inc., 3619E Kennedy Road, South Plainfield, NJ 07080.

The transportable system consists of the IONSCAN detector, pump box, personal computer and a vacuum collector. This system collects and identifies samples in 6-8 seconds.

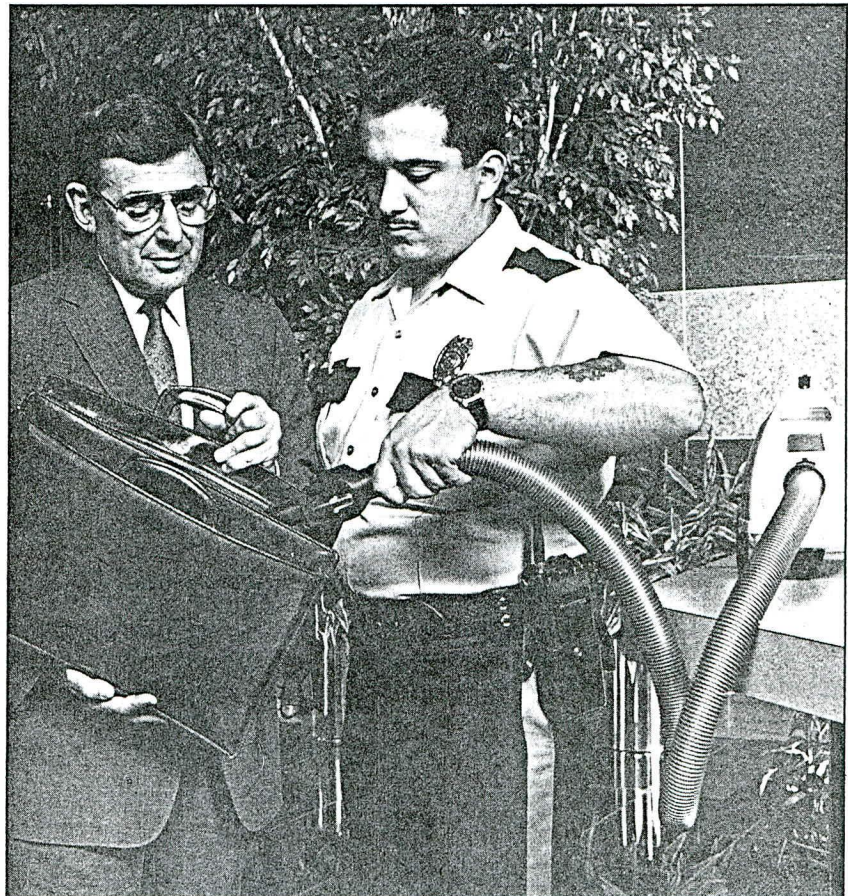
Let me tell you what this system will do. It will tell you if someone who handled drugs opened the door or a drawer. It will locate hidden drugs anywhere, even inside of a closed container with the drugs wrapped. We used the system to take samples from the hands of both employees and inmates, and out of fifty samples, we got two hits. The equipment is sensitive enough to detect residue that may be on your hands because you handled money that was also handled by someone who was using drugs.

The equipment differentiates between this kind of casual contact and that of a person who had substantial contact with the substance.

A Narcotics Investigator wore rubber gloves when he hid our samples. When the machine was run over his hands, it almost set the equipment off the scale. The equipment is fast and appears easy to use - like driving a car, you don't need to

know how the engine works to get a license. It would appear to me if you need probable cause to do a more extensive search of a visitor or employee, this machine can provide it. For more information, contact the manufacturer.

For information regarding IONSCAN, contact Barry A. Bloomfield or Vince Memet at Barringer Instruments Inc., 908-561-6000.



The Grapevine is a newsletter published by the North American Association of Warden and Superintendents