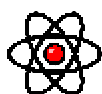


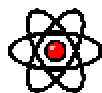
THE MINI-SCAN TLC SCANNER **AFFORDABLE QUALITY CONTROL FOR** **NUCLEAR MEDICINE AND RADIOCHEMISTRY**

A versatile TLC scanner for strips and plates



APPLICATIONS IN NUCLEAR MEDICINE AND RADIOCHEMISTRY :

- Routine quality control of ^{99m}Tc radiopharmaceuticals on TLC strips.
- TLC analysis of research radiopharmaceuticals labeled with gamma, beta, and alpha emitters.
- TLC verification of ^3H and ^{14}C labeled materials in pharmaceutical and toxicology studies.
- In-process TLC analysis of radiochemistry reaction mixtures.
- Final purity analysis by TLC of all radiolabeled compounds.

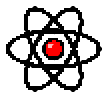


A WIDE SELECTION OF DETECTORS

Interchangeable detectors allow the measurement of all isotopes, including tritium. NaI scintillator crystals with photomultiplier detectors are available to count all gamma emitters including all the standard nuclear medicine isotopes such as ^{125}I , ^{131}I , ^{99m}Tc , and ^{111}In . Plastic scintillators with PMT's are used to count ^{14}C and all higher energy beta and alpha emitters, while a special gas flow proportional counter detector is designed for high sensitivity ^3H counting.

BIOSCAN

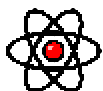
BIOSCAN, INC.
4590 MACARTHUR BLVD. NW
WASHINGTON, DC 20007



FLEXIBLE SETUP AND OPERATION

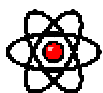
Scan speeds are set with a selector switch on the front panel, and slit widths can be altered with a simple change on the detector housings. This flexibility makes it easy to choose scanning conditions that fit a wide range of activities from 10 nCi to 100 nCi.

Scans of a complete 5x20 cm plate can be accomplished in as little as 100 sec or, for higher precision with low activity samples, as slowly as 2,000 sec.



EASY DATA INTERFACE

Flexible analog and digital pulse outputs makes the Mini-Scan easy to interface to all strip chart recorders, integrators, and chromatography data systems. Costs and learning time are reduced or eliminated because the data can be acquired and analyzed with the data systems that are already in use in your laboratory for HPLC or other chromatography devices. If your lab does not already have such a data system, the Laura package will provide a true Windows™ chromatography system which is easy to learn and is GLP compliant.



DUAL USE FOR HPLC AND TLC

Since the detectors and data electronics are based on the Flow-Count HPLC detector unit, the Mini-Scan system can be used as a radio-HPLC detector for gammas and high energy betas as well as for a TLC scanner. The detectors are easily removed from the Mini-Scan mechanical scanning stage and can then be used with Bioscan's flow cells and shielding systems for HPLC.

SPECIFICATIONS :

Analog Output :	0-1 Volt
Full Scale :	20, 200, 2000, 20000 kCPM
Pulse Output :	0-5 Volt, TTL
High Voltage :	0-1,000 Volts
Scan Speeds :	0.1, 0.25, 1.0, 2.0 mm/sec
Plate Holder Area :	5 x 20 cm
Size :	36 x 24 x 30 cm
Weight :	8 kg
Power :	110/220 V (50/60 Hz)



BIOSCAN, INC.
4590 MACARTHUR BLVD. NW
WASHINGTON, DC 20007

Affordable Instrumentation You Can Count On ! Tel : (800) 255-7226

www.bioscan.com

Fax: (202) 333-8514