

JUL 06 '90 12:48

MEASUREX/CPTO

**RESEND**

## RADIATION SAFETY DEPARTMENT

MEASUREX CORPORATION, One Results Way, Cupertino, CA 95014 U.S.A.



Date: 3 July 1990

To: Mr. Robert Funderburg  
Dr. Gerard Wong

Fax No.: 916/324-3610

Phone No.: 916/445-0931

CC: Jerry Raffel - 301  
Linda Yocum - 501  
Radiation Safety Committee  
Radiation Safety Office

From: Elsa Nimmo

Fax No.: (408) 253-7658  
Radiation Safety  
Dept. FAX machineFax No.: (408) 996-2371  
Measurex  
Communications  
Center FAX machine1ST 7/5  
09232ND 7/6  
1150

3RD

Page 1 of 3

Subject: INFORMATION REQUIRED FOR COMPLETION OF SEALED SOURCE  
AND DEVICE REGISTRY SHEETS

1. Sensor heads for sensor models distributed to general licensees

Attached is a table of the sensor head types used for the various sensor models Measurex distributes to general licensees. The dimensions given are for the basic box-shaped heads without any projecting sheet guides or add-ons (e.g. auxiliary sensors).

2. Thermal Safety Nut

The Measurex source holder assemblies contain a thermal safety nut. The purpose of this device is to:

- o Lock the shutter into the closed position when the source holder reaches a high temperature (450 degrees F).

- o Keep the shutter locked closed after the over-temperature condition has passed and until after the source holder can be examined for damage.

The thermal safety nut contains a spring-loaded piston that is normally held in a retracted position by a low melting point material. When this material reaches a temperature high enough to soften or melt, the spring forces the piston out of its housing to contact the source shutter and cause it to close. The spring is of sufficient strength that the shutter cannot be reopened until the thermal nut is removed.

Regards,

Elsa Nimmo

Attachments: 3 Pages

7/03/90

SENSOR HEADS USED FOR GL DEVICES  
(\temp\heads)

Model No.	Head Designation	Approx. Outer Dimensions	Current Product?
1201	1033 (Head II)	12" X 12" X 12"	no
1201	2033 (Head III)	14" X 14" X 12"	yes
1202	1036	8" X 6" X 9"	no
1203	1203 (C-frame)	14" X 4" X 6"	yes
2201	2033 (Head III)	14" X 14" X 12"	yes
2201	2034 (Modular)	8" X 8" X 12"	yes
2202	2202 (Decade)	8" X 8" X 6"	no
2204	2034 (Modular)	8" X 8" X 12"	yes

NOTE: A "no" in the column titled "Current Product?" indicates that Measurex ships this combination as an occasional replacement, but generally not as routine product.