



# Application News

*From Ramsey Products*

## Silent Chain Powers High Tech Radiation Monitor

### **Application:**

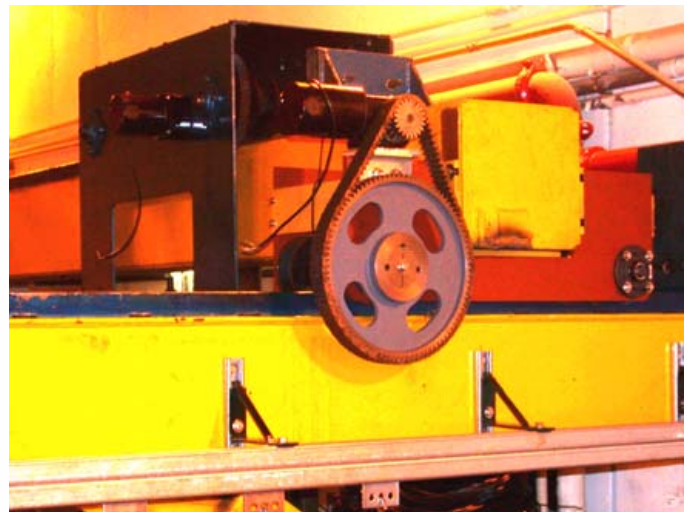
- Positioning drive for whole room radiation monitor
- 1/4 hp drive motors with gear reducer output of 9 rpm.
- 4.52:1 drive ratio.

### **Components Selected:**

- Ramsey RP408 chain.
- Ramsey sprockets
- Chain and sprockets from stock.

### **Description:**

A radiation monitor mounted in a ceiling level carriage uses two-axis positioning to monitor radiation levels throughout a test cell. The monitor is powered by dual motors, coupled to drive rolls by Ramsey chain and sprockets. Ramsey silent chain provides a reliable, positive drive that requires little attention from the maintenance team. Smooth drive action and long drive life are important design criteria.



Contact Ramsey Products for assistance with your application. We will provide a no obligation review of your drive requirements.

***The Source for Silent Chain and Sprockets . . . . . <http://ramseychain.com>***

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