



## **MEASURE RADIOACTIVITY IN YOUR GAS CHROMATOGRAPH**

■ New Packard Flow Monitor systems allow continuous measurement of radioactivity in the effluent from any gas chromatograph. Counting efficiencies are high (20% for  $H^3$ ; more than 70% for  $C^{14}$ ), and backgrounds are low. The detector portion consists of the Model 317 Flow Detector and Model 325 Adapter (not illustrated). Model 317 contains an anthracene-packed cartridge mounted between a matched pair of photomultiplier tubes selected to permit room temperature operation. Model 325 Adapter is based on the suggestions of Karmen, et. al. (Jnl. Lipid Res. 3, No. 3, 372, 1962). ■ Output from the detector is fed to a Series 320 Flow Monitor and counting rate is indicated on a meter which presents either log or linear display. A plug-in connection is provided for the addition of a strip-chart recorder. ■ Flow Monitor systems are part of Packard's extensive line of instruments for gas chromatography. For additional information, call your Packard Sales Engineer or write direct.

**Packard**

**PACKARD INSTRUMENT COMPANY, INC.**  
BOX 428 • LA GRANGE, ILLINOIS • HUNTER 5-6330

Sales offices in principal cities of the world