

SCINTILLATION PROBES

GAMMA PLASTIC

伽马塑料闪烁体探头

PGS-3PL Gamma Scintillation probe with air equivalent, 2" diameter x 2" thick plastic scintillation element.
空气当量伽马闪烁体探头，直径2"x2"厚塑料闪烁体



PGS-3PL

PGS-55W Large well, to one liter samples. 5" diameter x 2" thick plastic probe. Sensitivity is 1 nanoCi in one minute and 0.1 nanoCi in Ten Minutes.
大样品腔，达1升，直径5"x2"厚塑料闪烁体探头，灵敏度1分钟内1nCi 10分钟内0.1nCi.

PWS-18 High integrity, extremely sensitive scintillation probe. Suitable for use in hostile environments or underwater. Ideal for liquid or gas effluent monitoring or base line studies down to 10 microCi/ml (Cs-137 in water). Sensitivity is approximately 1.4×10^4 cpm per mR/hr. The detector, a 2 3/4" dia. x 4 1/2" long plastic scintillator, is optically coupled to photomultiplier tube. The PM tube is followed by an amplifier which is capable of driving 1000 feet of cable. The output pulses have negative polarity with magnitude equal to or greater than 50mV. The PWS-18 requires +12V in addition to the high voltage bias for the photomultiplier tube. The housing is made of welded stainless steel with O-ring seal.

高整合性极灵敏闪烁探头，适用于恶劣环境或水下使用，理想用于监测液态或气态流出物，或用于基线测定，达到10 microCi/ml (水中Cs-137)。灵敏度约每mR/hr达 1.4×10^4 cpm计数。探头包括一个直径2 3/4" x 4 1/2" 长的闪烁体，与光电倍增管光学耦合，带放大器可驱动信号线长度达1000英尺。输出脉冲阴极等于或高于50mV，除了高压电源外PWS-18要求+12V用于光电倍增管。外壳不锈钢，带O型圈。



PWS-18



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