# SAMPLE COUNTING SYSTEM

# FOR WIPES, FILTERS, PLANCHETS

## FEATURES:

- **MODEL ~ STAM-2**

ALPHA SCINTILLATION SYSTEM

- **MODEL ~ STG-4**

BETA-GAMMA SCINTILLATION SYSTEM

- **MODEL ~ STG-4T & STG-4TP**

LOW ENERGY GAMMA SCINTILLATION SYSTEM

- **MODEL ~ STB-3**

ALPHA, BETA, GAMMA SCINTILLATION SYSTEM

## DESCRIPTION:

**STAM-2:**

Alpha Scintillation system combines a modified PAS-8 Alpha Scintillation probe and a TM-2 stand & drawer system for sample containment. Alpha sensitivity is enhanced with the elimination of the protective ring and grill used when the PAS-8 is a free standing probe.

**STAM-3:**

Alpha-Beta-Gamma system uses a modified P-11 pancake probe for the Alpha Scintillation detector. Beta sensitivity is enhanced with the elimination of the protective aluminum grill used when the P-11 is a free standing probe.

**STAM-2 & STAM-3:**

Compatible with any high quality scaler or ratemeter furnishing well-regulated high voltage +700 to 1200V & accepting 100mV negative going pulses from a 200 meg source. Termination is MHV (BNC optional)

**STG-4:**

Combines PGS-3 (1”x1” NaI probe with TM-2 Sample Drawer System.

**STG-4T:**

Combines PGS-3I (37mm x 2mm NaI probe with TM-2 Sample Drawer System & 1” lead shielding.

**STG-4TP:**

Combines PGS-3IP (37mm x 2mm NaI probe with TM-2 Sample Drawer System & preamp & 1” lead shielding.

| SPECIFICATIONS | ALPHA | ALPHA - BETA | LO-GAMMA | STG-4 + PREAMP |
|---|---|---|---|---|
| MODEL: | STAM-2 | STB-3 | STG-4 | STG-4T & STG-4TP |
| SENSITIVITY | 5MeV 80-85% 2 Pi | 60KeV > 30% 2 Pi | | |
| SAMPLE CAVITY | 2 1/16” dia x 3/8” deep | 2 1/16” dia x 3/8” deep | 2” dia x 3/16” deep | 2” dia x 3/16” deep |
| DIMENSIONS: | 3-1/2” x 4-1/2” x 10” | 3-1/2” x 4-1/2” x 4” | 3-1/2” x 4-1/2” x 10” | 3-1/2” x 4-1/2” x 13” |
| SHIELDING: | NONE | 1” LEAD | 1” LEAD | 1” LEAD |
| WEIGHT: | 3-1/2 LBS | 7-1/2 LBS | 7-1/2 LBS | 7-1/2 LBS |
| WEIGHT: | 8 LBS | 12 LBS | 12 LBS | 12 LBS |


TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY
Divisions of US NUCLEAR CORP
7051 Eton Ave., Canoga Park, CA 91303
818-883-7043 (Phone) 818-883-6103 (Fax)
tagold@nwc.net WWW.TECH-ASSOCIATES.COM


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