

SPEEDY FERET PORTABLE TRITIUM WIPE TEST COUNTER

Model ~ SF-TF6

FEATURES:

- WIPE COUNTER
- TRITIUM
- CARBON-14
- SULPHUR 35 ETC.
- PORTABLE
- LOW BACKGROUND
- WINDOWLESS

ELECTRONICS – LAM-SCA:

- VERSATILE AC OR RECHARGEABLE BATTERY
- THREE SINGLE CHANNEL ANALYZER WINDOWS
- SWITCH SELECTABLE
- SIX DECADES
- CRYSTAL CONTROLLED



SF-TF6 – SPEEDY FERET

APPLICATION:

Ideal for wipe test counting of low energy Beta emitters such as Tritium, Carbon-14, Sulphur 35 etc.

SYSTEM DESCRIPTION:

- PRE-AMP
- STB-TF-6 DRAWER
- SHIELD
- DETECTOR
- LAM-SCA SCALER ELECTRONICS



LAM-SCA ELECTRONICS



TECHNICAL ASSOCIATES
OVERHOFF TECHNOLOGY

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Divisions of  US NUCLEAR CORP

SPEEDY FERET PORTABLE TRITIUM WIPE TEST COUNTER

Model ~ SF-TF6

SPECIFICATIONS:

DETECTOR:

1-1/8" diameter low background gas flow detector probe with drawer and 1 inch lead shield

Gas:

P-10 (90% argon 10% methane) or similar counting gas
Low gas usage
O-ring gas seal

Background:

Typically < 10 cpm

Cable:

3 feet RG 58 cable; MHV terminated

Gas Supply Tubing:

6 feet of 1/4"

ELECTRONICS:

Digital•Readout:

6 digit LCD Rate, 8 digit integrate.

Time Base:

Crystal controlled 1-10,000 seconds, user settable.

Display Modes:

Rate, Integrate.

Range:

Usable Probes Cover Range:

1-100,000 cps or other units of choice.

Audio Alarm:

Piezo electric sounder with volume control.

Single Channel:

3 Switch Selectable Windows:

2 preset (resettable) window positions plus one "variable".

Analyzer/Discriminator:

10-turn, 1000 division pot for each threshold.
10-turn, 1000 division pot for window width.



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