Model 400SByC-Xe

HIGH PERFORMANCE PORTABLE TRITIUM IN AIR LEAK MONITOR WITH XENON SEPARATION PANEL

XENON SEPARATION PANEL

WET SAMPLE FILTER
Mounted in an aluminum housing, a respirator type HEPA filter cartridge treated with silver will trap some Xe gas.

WET SAMPLE PUMP “A”
Single head diaphragm with brushless motor 6VDC, 200mA. Flow rate of 1.5 to 2 LPM.

NAFION DRYER
.625” [16mm] diameter x 24” [610mm] long stainless steel outer tube with polyethylene ends, and multiple internal tubes

PREPARED AIR SECTION
Three stages: indicating desiccant, activated charcoal, molecular sieve

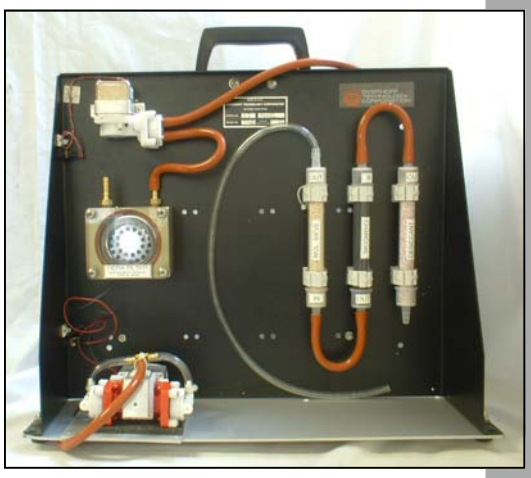
PUMP “B”
Dual head diaphragm with brushless motor 6VDC, 400mA. Flow rate of 3 to 4 LPM
(two times that of pump “A”)

POWER CONVERTERS
One for each pump, plug into separate jacks
100-240 VAC, 50/60 Hz, 0.25 A to 6 Vdc, 1A

PANEL CONSTRUCTION
Mounting Panel -
0.08” [2mm] thick powder coated steel
Base Panel -
0.10” [2.5mm] thick anodized aluminum

DIMENSIONS
19.0" L x 7.0" W x 15.7" H
[483mm L x 178mm]W x 400mm H]
Length excludes nafion dryer which is 24.0” [610mm] in length

WEIGHT
15 lbs (7 kg)



New Product from Overhoff Technology Corporation enables precise measurement of tritium in the presence of noble and other radioactive gases. The separator extracts the tritium oxide component of a continuous air sample, which may also contain Xenon, Krypton-85, Carbon 14, or other radioactive gases. The tritium only output airflow is then connected to an external tritium monitor, for an accurate tritium only measurement.

OVERHOFF TECHNOLOGY CORPORATION
1160 US ROUTE 50
MILFORD, OHIO 45150-9705
TELEPHONE (513) 248-2400
FACSIMILE (513) 248-2402
E-MAIL sales@overhoff.com
WEB www.OVERHOFF.com