

C14CS-3000 Tritium Collection System (100 – 120VAC)

SPECIFICATIONS:

PUMP TYPE:	Diaphragm
MOTOR:	12VDC brushless motor
CAPACITY:	Maximum 500 cc/min or 1000 cc/min
POWER REQUIREMENTS:	100 – 120VAC; 50/60 Hz; 1 ampere; single phase
CIRCUIT BREAKER PROTECTION:	5 amperes
ELECTRICAL CORD:	All temperature, 3-wire, 16 gauge
DIMENSIONS:	23 cm × 61 cm × 51 cm
WEIGHT:	26 kgs
INSTALLATION CATEGORY:	Pollution Degree 3

ELECTRONIC SPECIFICATIONS

MEASUREMENT ACCURACY

Air flow:	± 4% of full scale
Temperature:	± 0.9°F (0.5°C) (Not displayed)
Barometric Pressure:	± 0.6 inches Hg (Not displayed)

OPERATING TEMPERATURES: 32° - 122°F (-17° - 50°C)

STORAGE TEMPERATURE: 0° - 122°F (-28° - 50°C)

CALIBRATION: Calibration verification once per year

COMMUNICATIONS INTERFACES: RS-232

ON-BOARD CALCULATIONS

- Flow calculation from differential pressure value corrected to a reference T and P
- Elapsed Time
- Cumulative Volume corrected to a reference T and P

OPTIONS:

- Flash Card Data Storage Device 232FCDS
- Flash Card (2 GB) 372239
- PC Flash Card Reader SDDR-199-A20
- Ruggedized Phone System CASRPS-DFM

NOTE:

Other CO₂ absorbing media may be utilized, such as ethanalamine.