On LOW rate	5 ml/hour
On HIGH rate	25 ml/hour
Continuous	150 ml/hour

Sampling Rate

On LOW rate	1 sample per 100 seconds approx.
On HIGH rate	1 sample per 10 seconds approx.

Continuous operation possible by internal adjustment

Magnetic Field	Unaffected by Magnetic Fields up to 4 Tesla
Sensor Temperature	4.2 K ± 1 K

Power Requirements	110 V/60 Hz, 8 VA
Relay 1 Level	10%
Relay 1 Hysteresis	Zero
Relay 2 Level	20%
Relay 2 Hysteresis	Zero

* Since much of the heat conducted down the sensor support tube and generated in the wire is dissipated into the gas rather than the liquid, the helium consumption will vary both with the level of the liquid and the boil-off rate of the dewar itself. The figures quoted correspond to the increase in helium consumption due to a 250 mm long probe in a half full, low-loss magnet cryostat having a static boil off of 80 ml/hour. (These being the conditions under which the increase in boil off due to the level indicator is a maximum).

7.4 VOLTAGE TAPPINGS

The magnet has seven voltage taps at the following positions (see Figure 7.2 and AJE 1005 sheets 1 and 2).

VT1	Centre Tap at crossover point between layers	(AJE0092)
VT2	At coil exit point on Inner Layer (lead A)	(AJE0174)
VT3	At coil exit point on Outer Layer (lead B)	(AJE0174)
VT4	At bottom of current lead A	(AJE0174)
VT5	At bottom of current lead B	(AJE0174)
VT6	At top of current lead A	(AJE0175)
VT7	At top of current lead B	(AJE0175)