



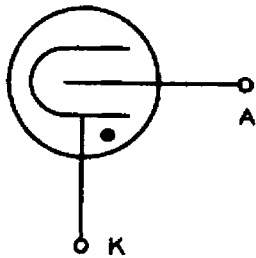
THE VICTOREEN INSTRUMENT CO.

5806 HOUGH AVE., CLEVELAND, OHIO

JUNE 1950

DATA SHEET 23

TENTATIVE



SYMBOL

1B126 THYRODE

The 1B126 Thyrode is a needle type probing counter tube used for isotope measurement. It is specifically designed for radioactive tracer work where it is desirable to obtain high definition in locating tracer material. This thyrode may be used for neurosurgical work, brain tumor surgery, and thyroid tracing using radio iodine.¹

The 1B126 Thyrode is of sturdy construction so it may be chemically sterilized and a large gas storage volume has been incorporated in the handle to insure long tube life.

The 1B126 uses a standard counter tube base, RMA type A1-82, and may be used with Victoreen socket types 380 and 500 or Victoreen probe type 389.

CHARACTERISTICS

THRESHOLD VOLTAGE*	(MAX)	850	VOLTS
PLATEAU LENGTH*	(MIN)	75	VOLTS
PLATEAU SLOPE*	(MAX)	5	%/100 VOLTS
	($V_0 = 800$ TO 1000 V)		
BACKGROUND		5	C/M
	($V_0 = 900$ V)		
LIFE		10^8	COUNTS
	(AT 6000 C/M, $V_0 = 900$ V)		
ACTIVE LENGTH		10	MM
WALL (STAINLESS STEEL)		200	MG/CM ²

RATINGS

OPERATING VOLTAGE	(MIN)	875	VOLTS
	(MAX)	925	VOLTS
AMBIENT TEMPERATURE	(MIN)	-10	°C
	(MAX)	100	°C
RELATIVE HUMIDITY	(MAX)	100	%

1 ROBINSON, C.V.; SMALL PROBING GEIGER-MUELLER COUNTERS. REV. SCI. INST., JAN. 1950

*NEW TUBES

