

# Commodity Description

Item	Cryogenic Temperature Sensor & accessory	
Description	1. Temperature monitor, 220V - <u>2 ea</u>	
	channal	12 diode/ RTD inputs
	Display	8-line by 40-character(240*64 pixel) LCD display module with LED backlight
	Display units	K, °C, V, mV, $\Omega$
	Size	435 mm(W) * 89 mm(H) * 368 mm(D)
	Power requirement	100, 120, 220, 240 VAC, $\pm 10\%$ , 50 or 60 Hz, 35 VA
	Weight	7.6 kg
	2. Silicon Diode Sensor, SD package, standard curve - <u>30 ea</u>	
	Temperature range	1.4 K to 500 K
	Tolerance Bands	$\pm 1$ K (2 K to 100 K) $\pm 1$ K (100 K to 305 K) $\pm 0.50$ % of temp (305 K to 500 K)
	Standard curve	Curve DT-670
	Max reverse voltage	40 V
	3. Quad lead wire, 36AWG, 500ft - <u>2ea</u>	
	Lead type	Quad lead wire, 36AWG
	Length	500 ft