

# Desco 98220 Calibration Check/Test Procedure

11/06/01

**Required Test Equipment: RLC Bridge**

**Settings :** For 50 Hz Frequency = 1000Hz (20\*50), The 20th Harmonic  
 For 60 Hz Frequency = 1020Hz (17\*60), The 17th Harmonic  
 Set Function Switch to Read "Equivalent Parallel Circuit"

**Additional Required Test Equipment for 98220 MAT Resistance Measurement**  
 Megger If Megger set V Compliance = 50 or less Volts  
 or  
 DMM 50 Volt Power Supply

**Record Data for :**

Serial#	Low Fail		Low Pass		High Pass		High Fail	
	Cp	Dis	Cp	Dis	Cp	Dis	Cp	Dis

Also Record; Serial# Mat Pass Mat Fail (Megohms@ 50V)


Compare with Specs Below;

**Model 98220 Calibration Verification Unit Specifications**

	Equiv. Parallel C	Dissipation Factor
Low Fail	138.9 pF	0.158
Low Pass	118.6 pF	0.367
Hi Pass	49.0 pF	0.445
Hi Fail	44.7 pF	0.192

Tolerance = +/- 10%

**Mat**

Pass Megs Fail Megs (V Measure~50)

<b>98220 Mat</b>	<b>400</b>	<b>600</b>
	Tolerance = +/- 4%	