

سیستم اندازه گیری اثر هال و مقاومت سطحی

Hall Effect and Sheet Resistance Measurement System

HSR-24AC

Technical Specifications

Model	HSR-24AC	
Type	AC	
Maximum field intensity	1 T (peak to peak)	
AC field frequency range	0.01-10 Hz	
Minimum measurable Hall voltage	10 nV	
Maximum surface resistance of sample	10 G Ω	
Current Source	10 nA-1 A	
Voltage measuring range	Hall unit	30 mV-1 V (8 steps)
	Four-point resistance unit	30 mV-1 V (8 steps)
Maximum compliance voltage	100 V	
Sample size (max.)	20 mm \times 20 mm	
Standard module temperature	Room Temperature	
Pole dimension	48 mm \times 50 mm	
Air gap at room temperature	10 mm	