

7300 Series AC Ground Bond Tester



The 7300 series is a dedicated AC ground bond tester. The wide programmable output current meets all the safety regulation requirements. With the high reliable performance, the 7300 is the best cost effective ground bond solution. Further, you can bundle it up by interconnect with the EST-300 series to build a complete safety system.

Key Highlight

- 60A high output current meets the UL2202 regulation for EV charging system equipment
- 4 wire measurements with auto offset adjustment to enhance the testing accuracy
- Capable to connect and expand to EST-300 series for a more complete testing functions

Safety and Productivity Features



VERICHEK

	AC Ground Bond
7314	40A
7316	60A

7300 Series Specifications			
MODEL	7314		7316
INPUT			
Voltage (AC)	115/230V \pm 15% Auto Range		
Frequency	50/60Hz \pm 5%		
GROUND BOND			
Output Rating (AC)	40A/8V max.	60A/12V max.	
Output Voltage	8V	12V	
Current Measurement Range	1.00-40.00A	1.00-60.00A	
Current Resolution	0.01A		
Current Accuracy	\pm (3% of reading + 3 counts)		
Lead Resistance Offset Range	0-100m Ω		
Lead Resistance Offset Resolution	1m Ω		
Lead Resistance Offset Accuracy	\pm (2% of setting + 2 counts)		
Resistance Measurement Range	0-600m Ω		
Resistance Resolution	1m Ω		
Resistance Accuracy	0-600m Ω under 1.00-5.99A	\pm (3% of reading + 3 counts)	
	0-600m Ω under 6.00-10.00A	\pm (2% of reading + 2 counts)	-
	0-600m Ω under 6.00-15.00A	-	\pm (2% of reading + 2 counts)
	0-200m Ω under 10.01-30.00A	\pm (2% of reading + 2 counts)	-
	0-300m Ω under 15.01-30.00A	-	\pm (2% of reading + 2 counts)
	0-150m Ω under 30.01-60.00A	\pm (2% of reading + 2 counts)	
Dwell Timer	0, 0.5-999.9s (0 = continuous)		
Timer Resolution	0.1s		
Timer Accuracy	\pm (0.1% of setting + 0.05s)		
GENERAL			
Remote Input Signal	Test, Reset, Withstand Processing, Memory1, 2, 3, Interlock		
Remote Output Signal	Pass, Fail, Processing, Reset-Out, Start-Out		
Memory	10 memories, 3 steps/memory		
Display	128 x 64 Graphic LCD		
Verification	Build-in software driven verification menu to test fault detection circuits		
Op./Non-Op. Temp./Humidity	0 to 40°C/-40 to 75°C/20 to 80%RH		
Dimension (W x H x D), mm	215 x 89 x 430	430 x 133 x 400	
Weight	14kg	20kg	
INBOX ACCESSORIES			
Power Cable (10A for 7314 & 15 A for 7316)*1; Fuse*1 for 7314; 1137 Ground Bond Output Lead - Alligator Clip (40A)*1 for 7314; 1138 Ground Bond Return Lead - Alligator Clip (40A)*1 for 7314; 1160 Ground Bond Output Lead - Alligator Clip (60A)*1 for 7316; 1161 Ground Bond Return Lead - Alligator Clip (60A)*1 for 7316; 1505 Interlock Disable Key*1			

*Product specifications are subject to change without notice

Models

- 7314 AC Ground Bond Tester (40A/8V)
- 7316 AC Ground Bond Tester (60A/12V)

Options

- OPT.7031 Rear panel output for 7314 link with Hipot Tester