

Performance Test

Model 6442 Benchtop Ionizing Blower

Product	Model 6442 Benchtop Ionizer
Performance Test	Per ANSI/ESD STM 3.1-2015
Test Conditions	
Test Equipment	Simco-Ion Charge Plate Monitor Model 280A (S/N 66176)
Test Environment	23°C, 49% RH
Test Unit Fan Speeds	Low & High Fan Speed
Distance from Test Unit to CPM	12", 24", 36", 48"

The Simco-Ion Model 6442 Benchtop Ionizing Blower was tested at the low and high fan speed setting using the appropriate section of ANSI/ESD STM3.1-2015. Figure 1 & 3 shows the measured Discharge Times, and Figures 2 & 4 show the measured Offset Voltage Data below.

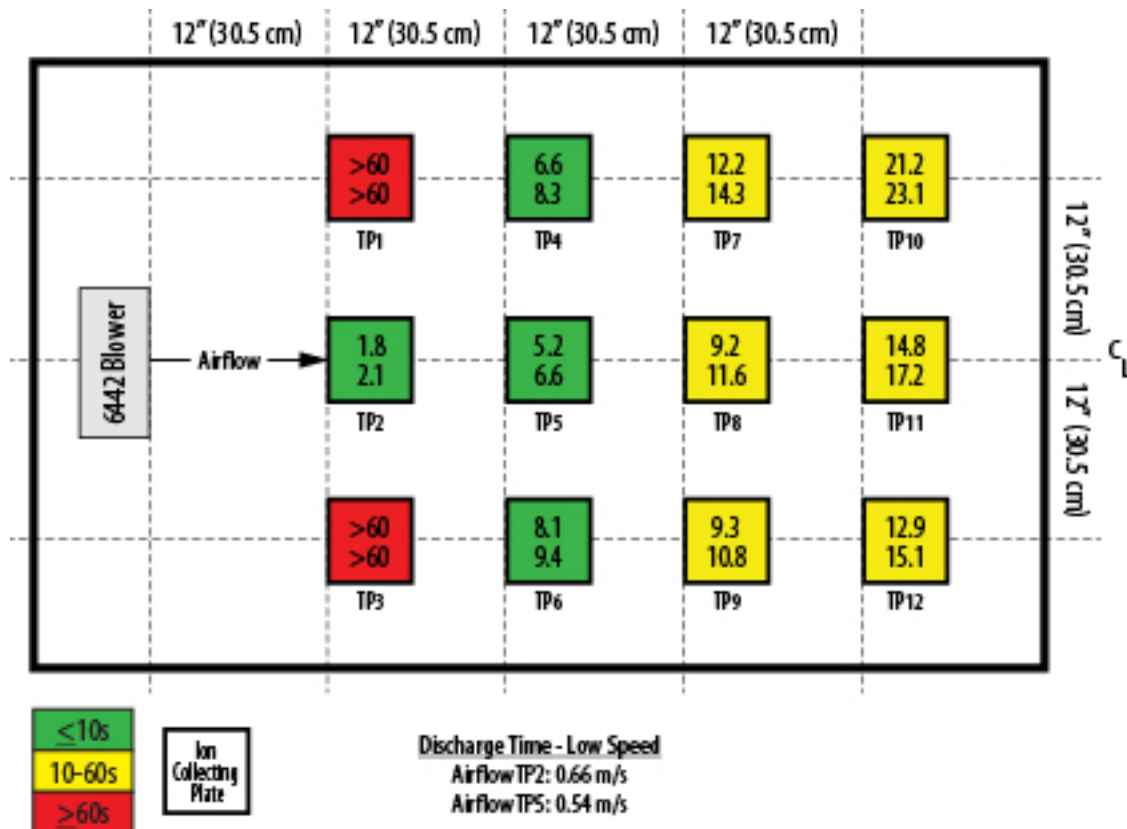


Figure 1. Discharge Time Data (±1000V to ±100V) – Low Speed

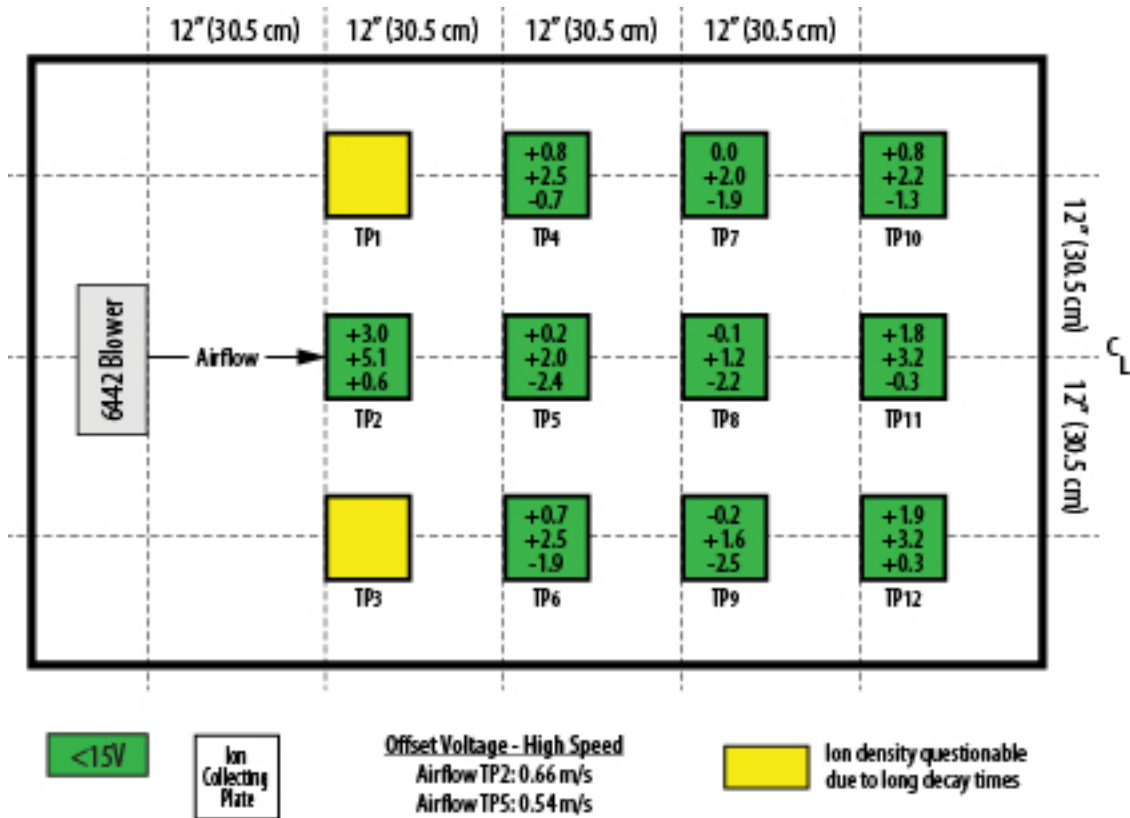


Figure 2. Offset Voltage Data – Low Speed

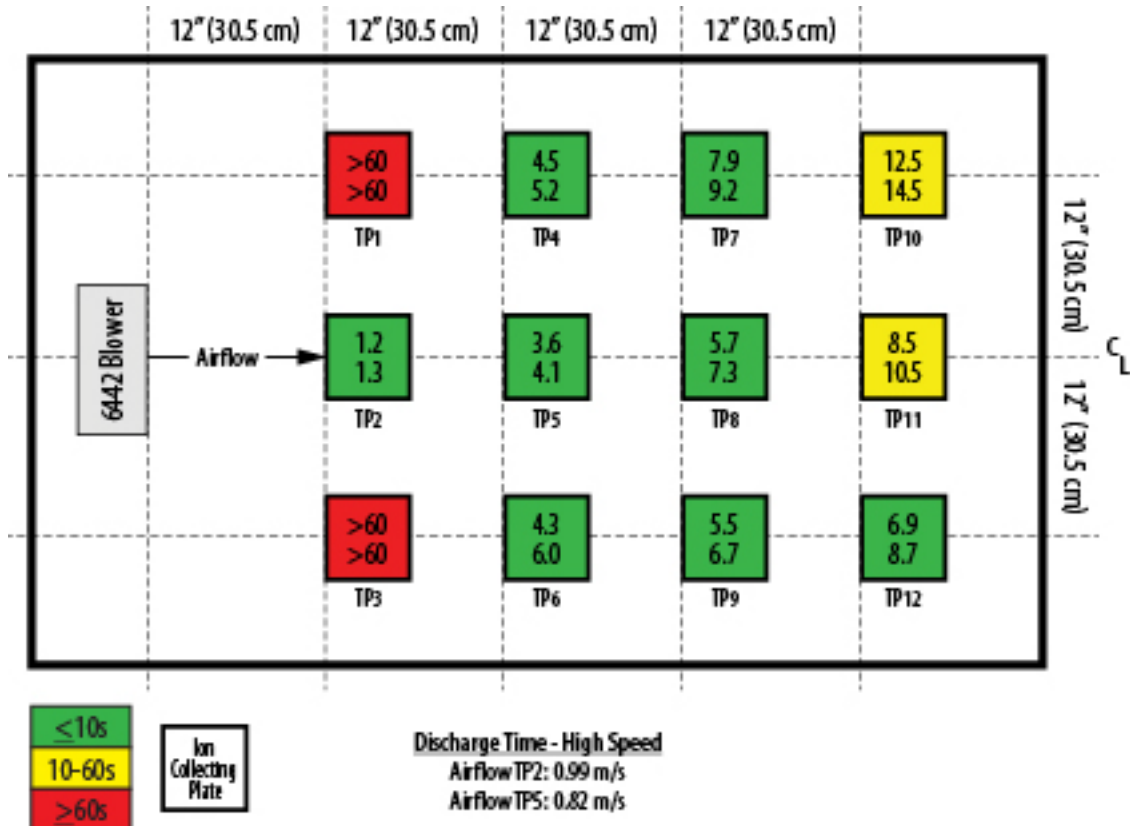


Figure 3. Discharge Time Data (±1000V to ±100V) – High Speed

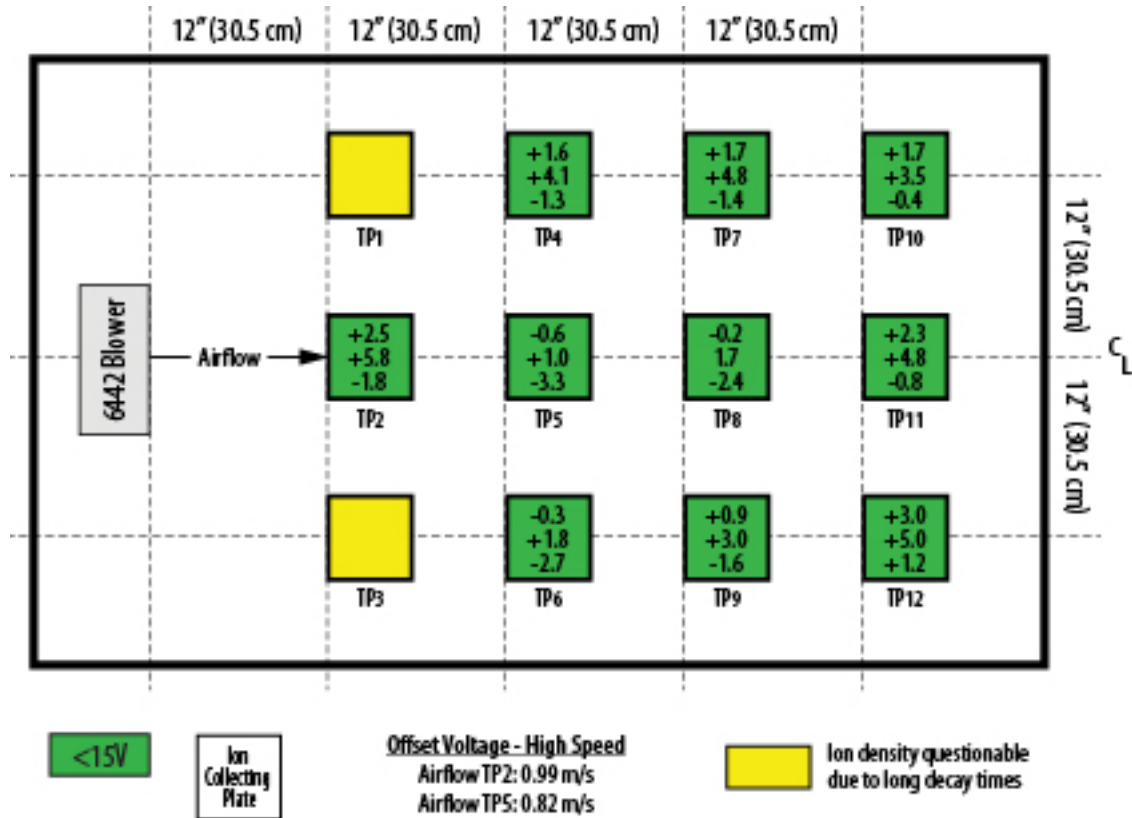
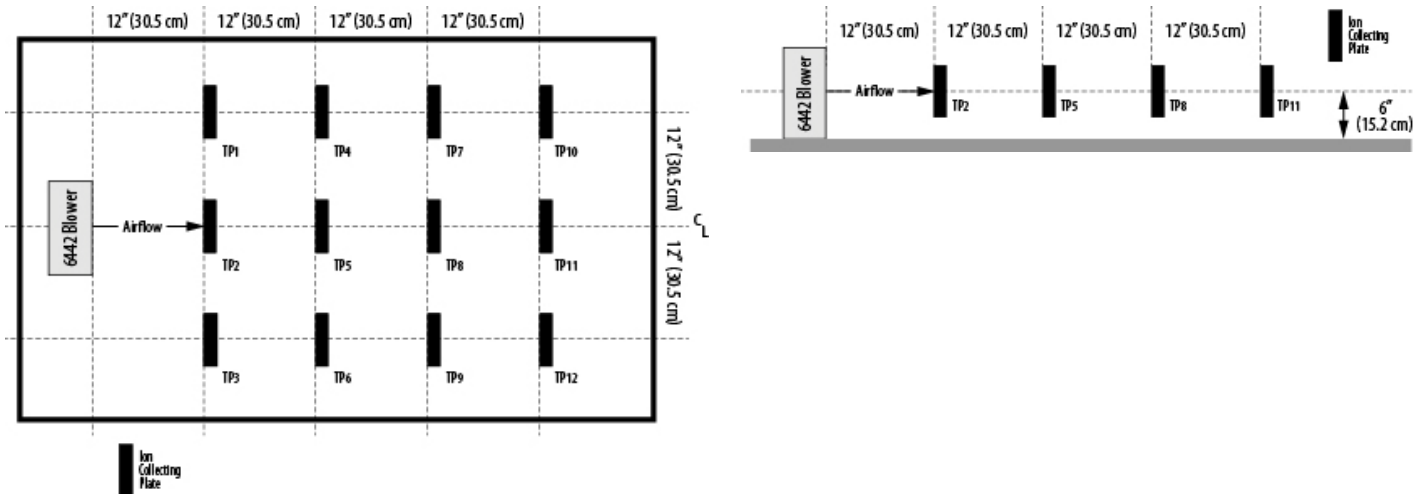


Figure 4. Offset Voltage Data – High Speed

Test Diagram Schematics



If you have any questions or need assistance, please contact Customer Service.