

Performance Test

Model 5832 Benchtop Ionizing Blower

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|--------------------------------|-------------------------------------------------------------|
| Product | Model 5832 Benchtop Ionizer |
| Performance Test | Per ANSI/ESD STM 3.1 |
| Test Conditions | |
| Test Equipment | Simco-Ion Charge Plate Monitor Model 280A (S/N TK-16245R-2) |
| Test Environment | 22°C, 19% RH |
| Test Unit Fan Speeds | 4 Fan Speeds - Low, Med-Low, Med-High, High |
| Distance from Test Unit to CPM | 12", 24", 36", 48" |

The Simco-Ion Model 5832 Benchtop Ionizing Blower was tested at all four fan speed settings using the appropriate section of ANSI/ESD STM3.1. Figures 1-4 show the measured Discharge Times, and Figures 5-8 show the measured Offset Voltage Data below.

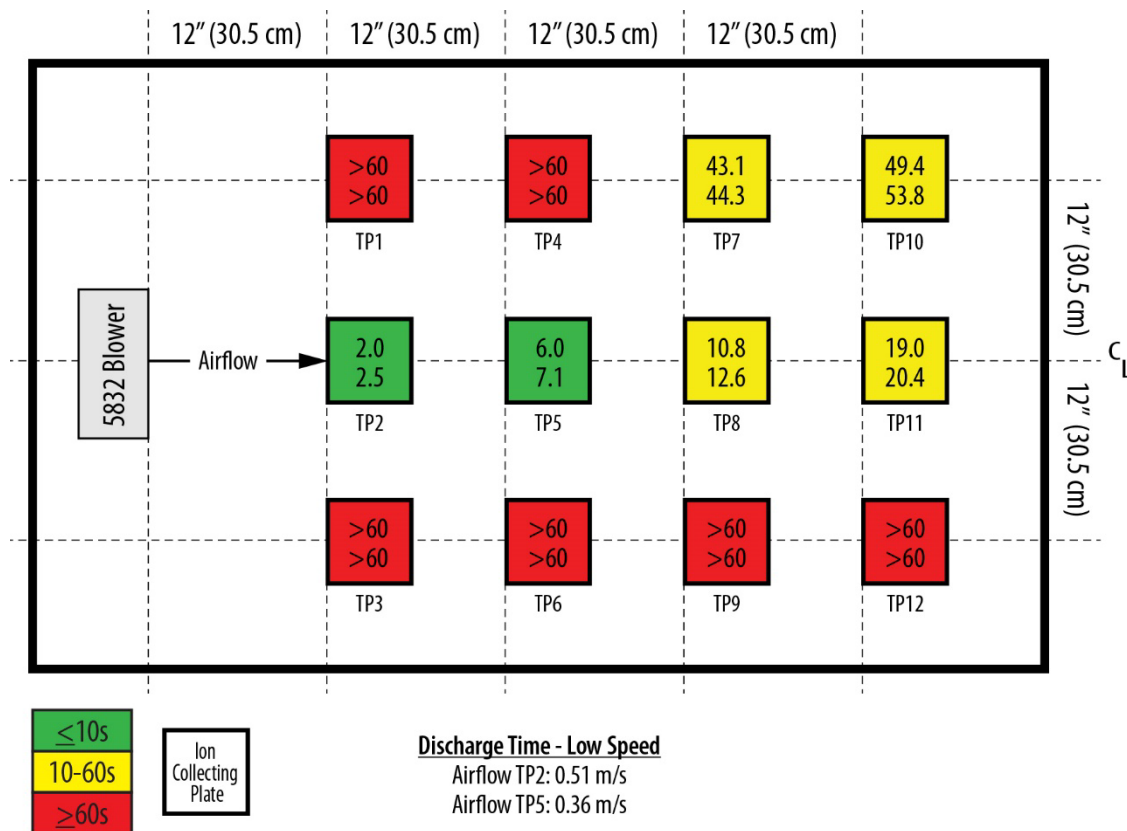


Figure 1. Discharge Time Data (±1000V to ±100V) – Low Speed

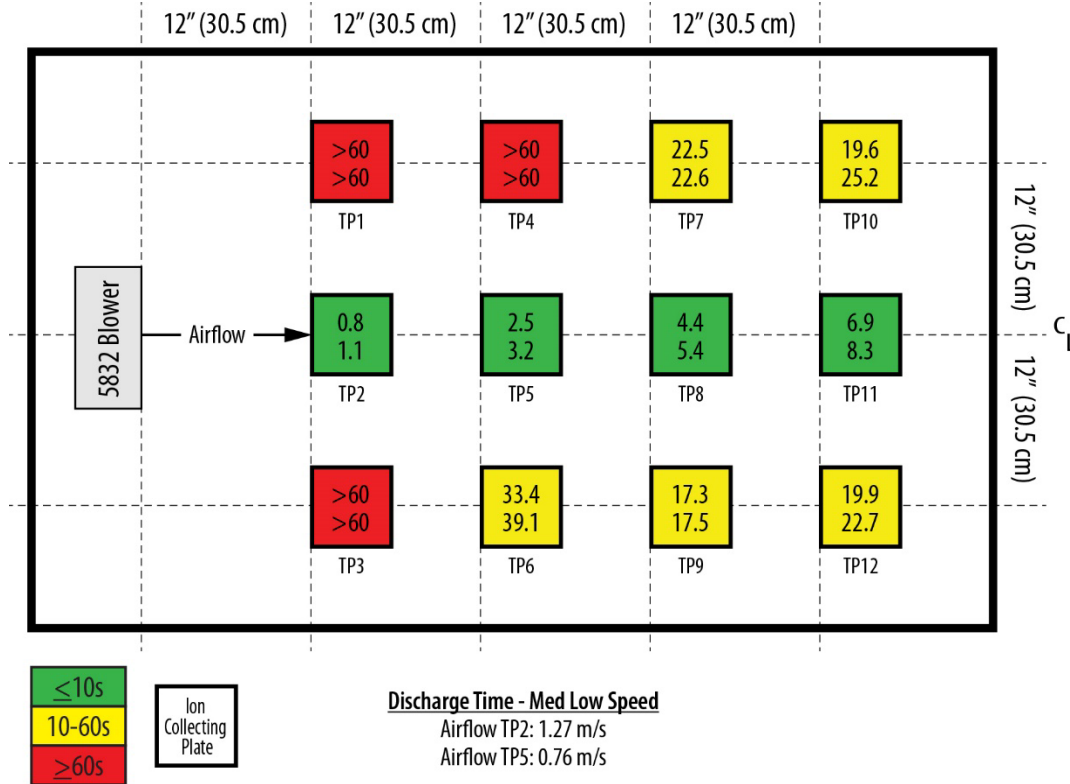


Figure 2. Discharge Time Data (±1000V to ±100V) – Medium-Low Speed

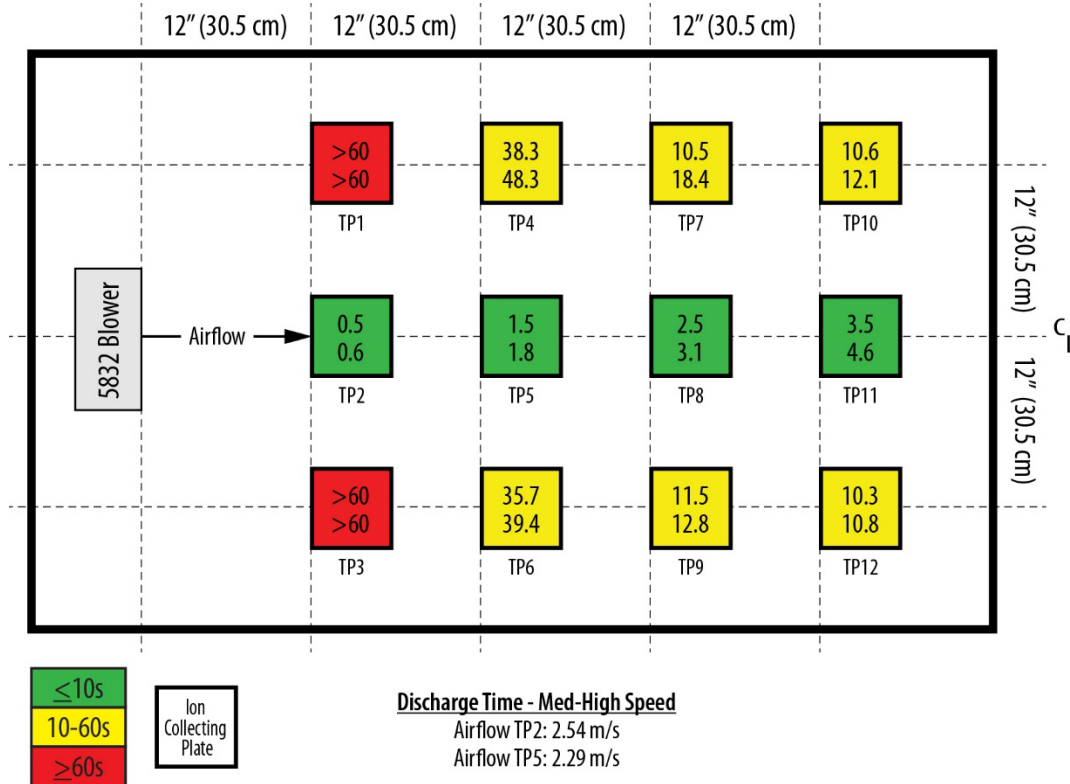


Figure 3. Discharge Time Data (±1000V to ±100V) – Medium-High Speed

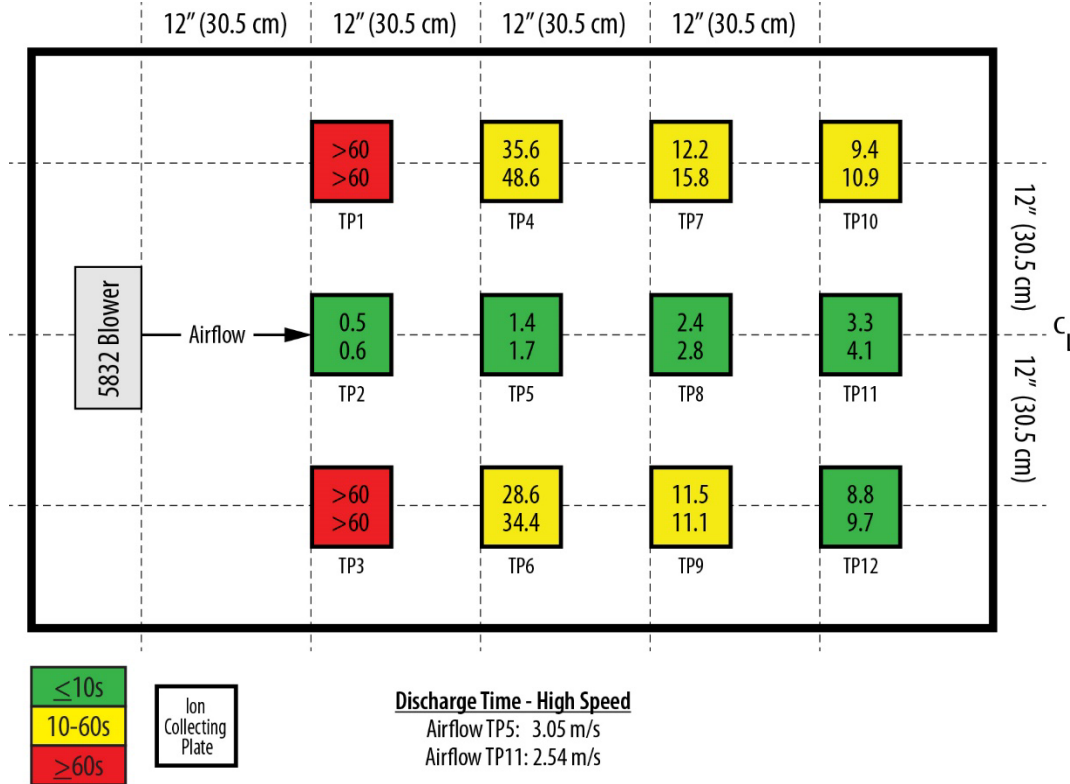


Figure 4. Discharge Time Data (±1000V to ±100V) – High Speed



Figure 5. Offset Voltage Data – Low Speed

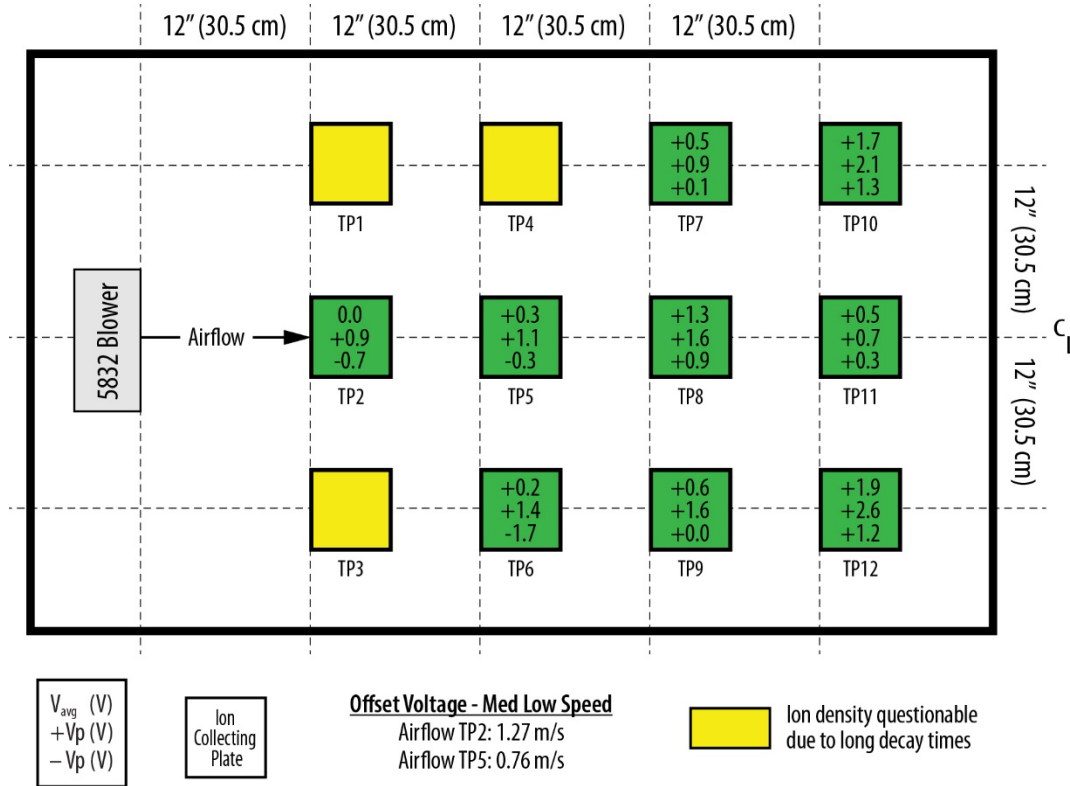


Figure 6. Offset Voltage Data – Medium-Low Speed

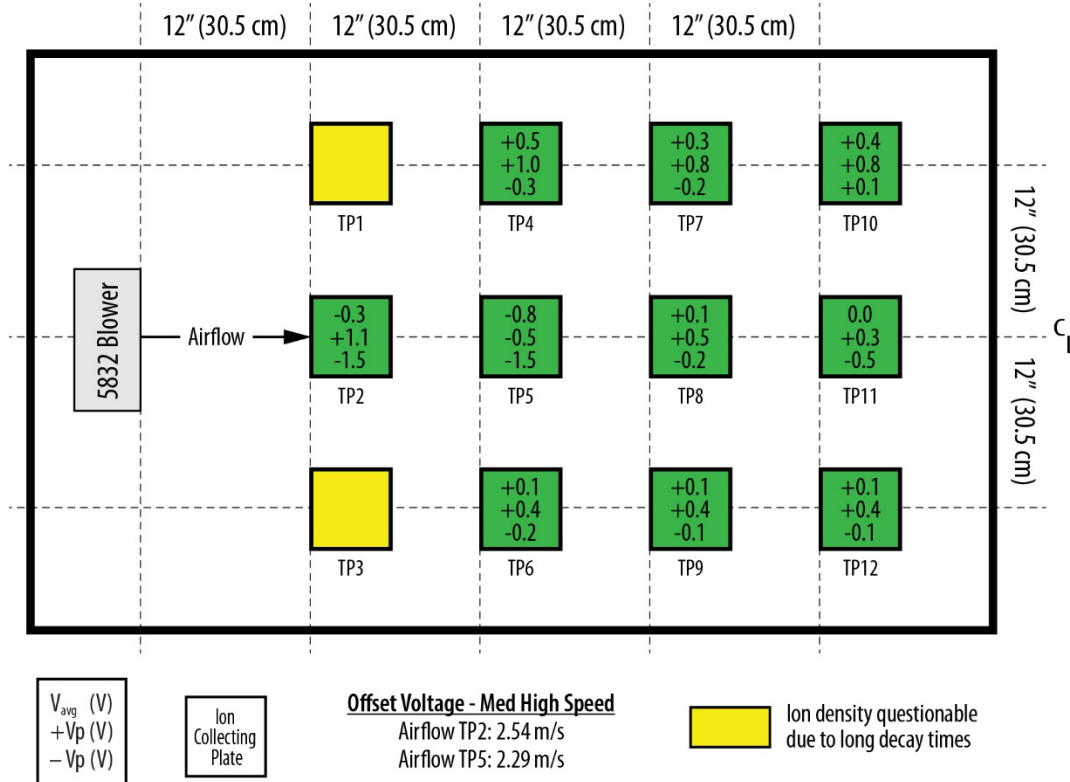


Figure 7. Offset Voltage Data – Medium-High Speed

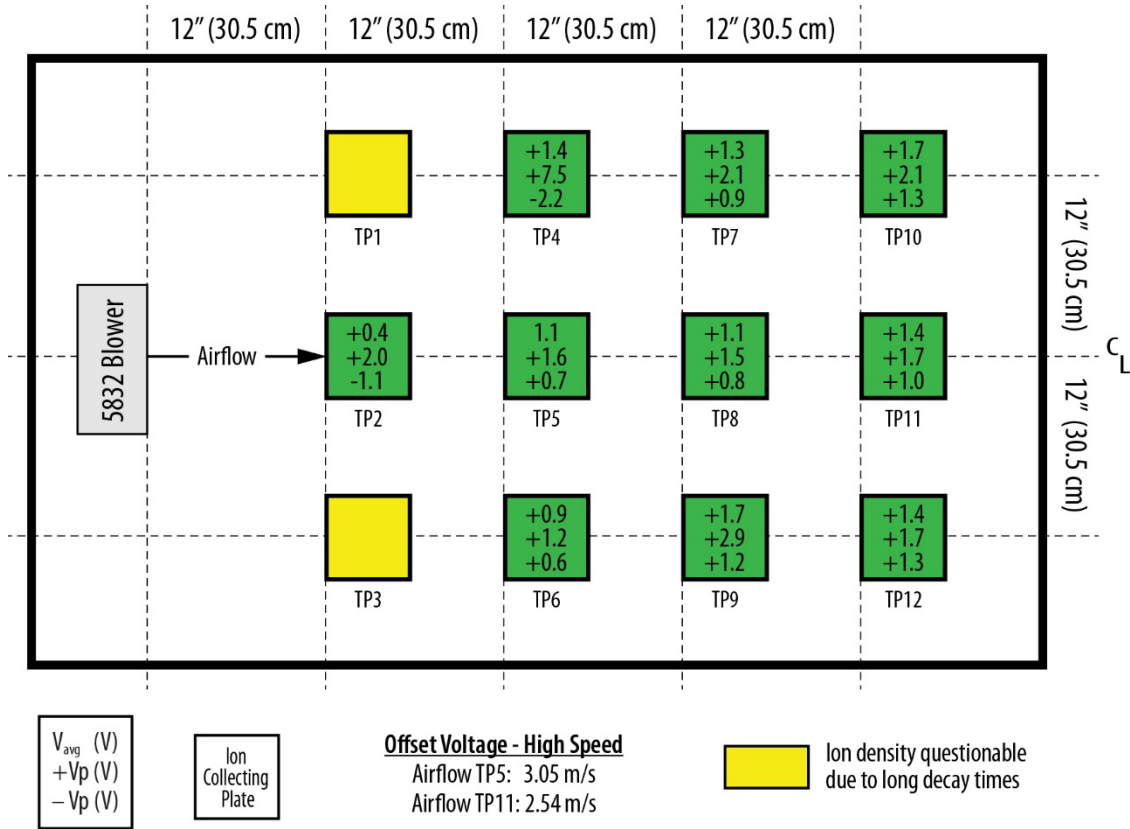
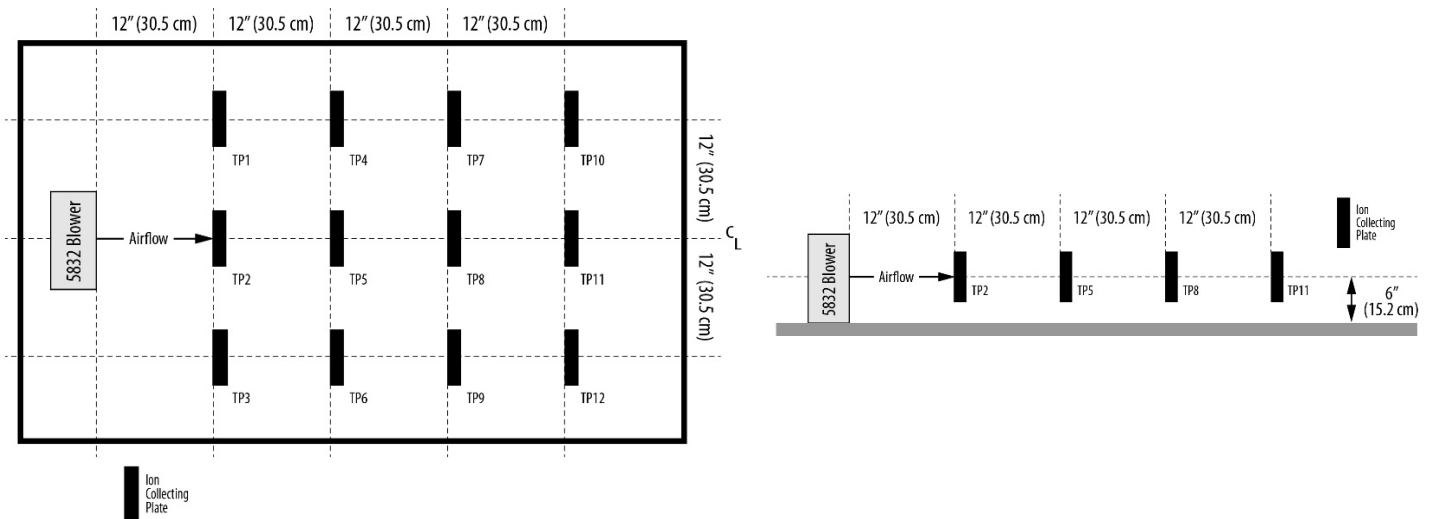


Figure 8. Offset Voltage Data – High Speed

Test Diagram Schematics



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