

# Performance Test

## *minION<sup>TM</sup>2 Benchtop Ionizing Blower*

Product	minION2 Benchtop Ionizer
Performance Test	Per ANSI/ESD STM 3.1
Test Conditions	
Test Equipment	Simco-Ion Charge Plate Monitor Model 280A (S/N 2666796)
Test Environment	26°C, 43% RH
Test Unit Fan Speeds	2 Fan Speeds - Low, High
Distance from Test Unit to CPM	12", 24", 36", 48"

Simco-Ion, Technology Group's minION2 Benchtop Ionizing Blower was tested at low and high fan speed settings using the appropriate section of ANSI/ESD STM3.1. Figures 1 and 2 show the measured Discharge Times, and Figures 3 and 4 show the measured Offset Voltage Data below.

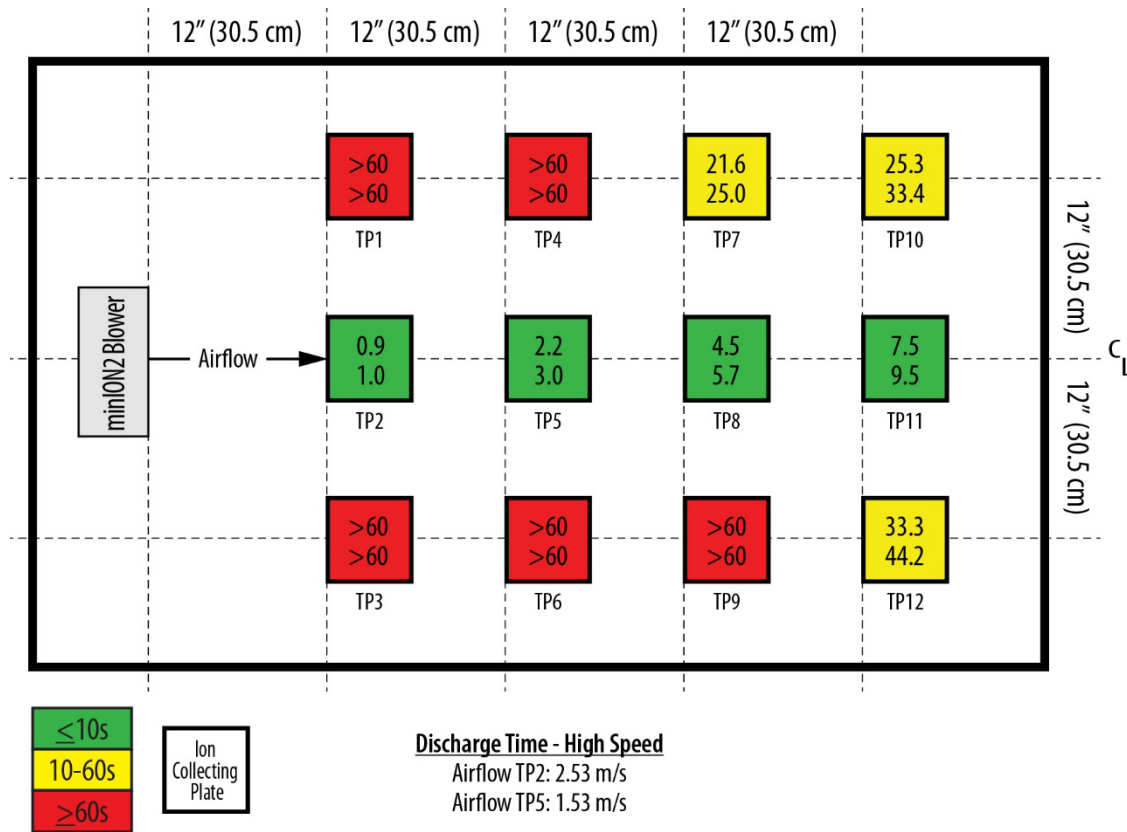


Figure 1. Discharge Time Data ( $\pm 1000V$  to  $\pm 100V$ ) – High Fan Speed

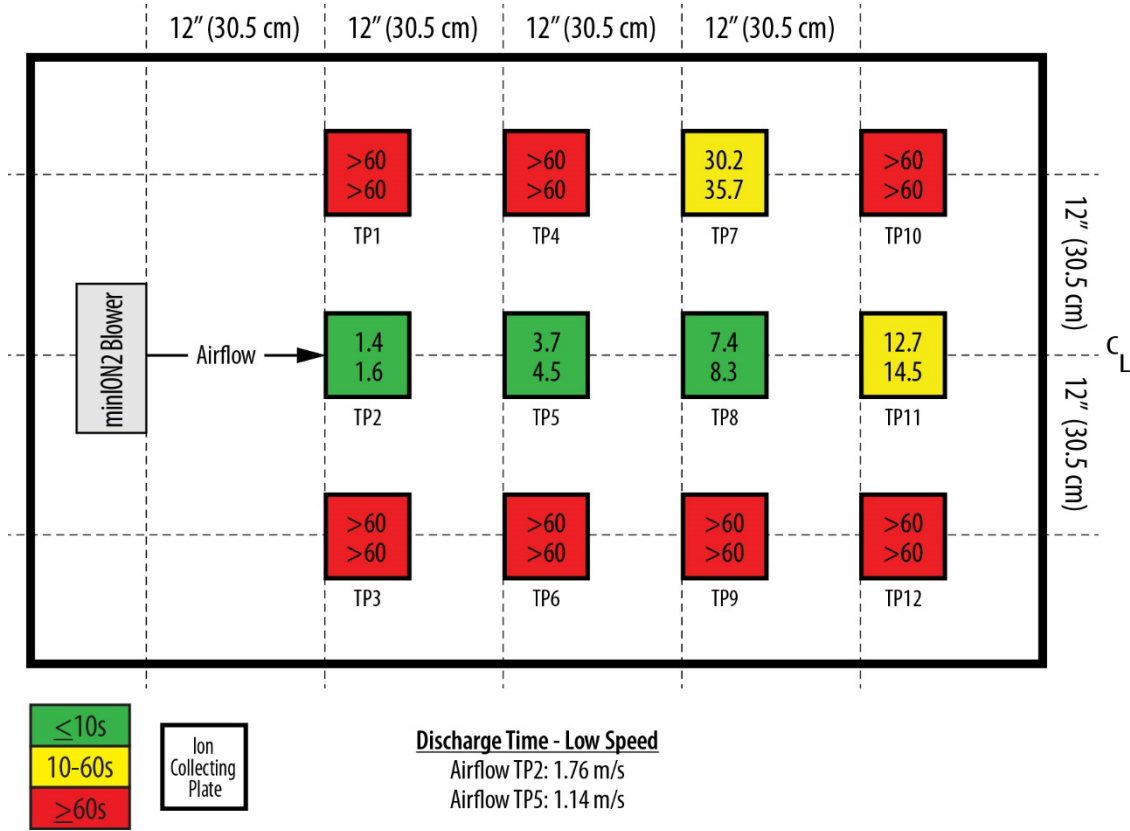


Figure 2. Discharge Time Data (±1000V to ±100V) – Low Fan Speed

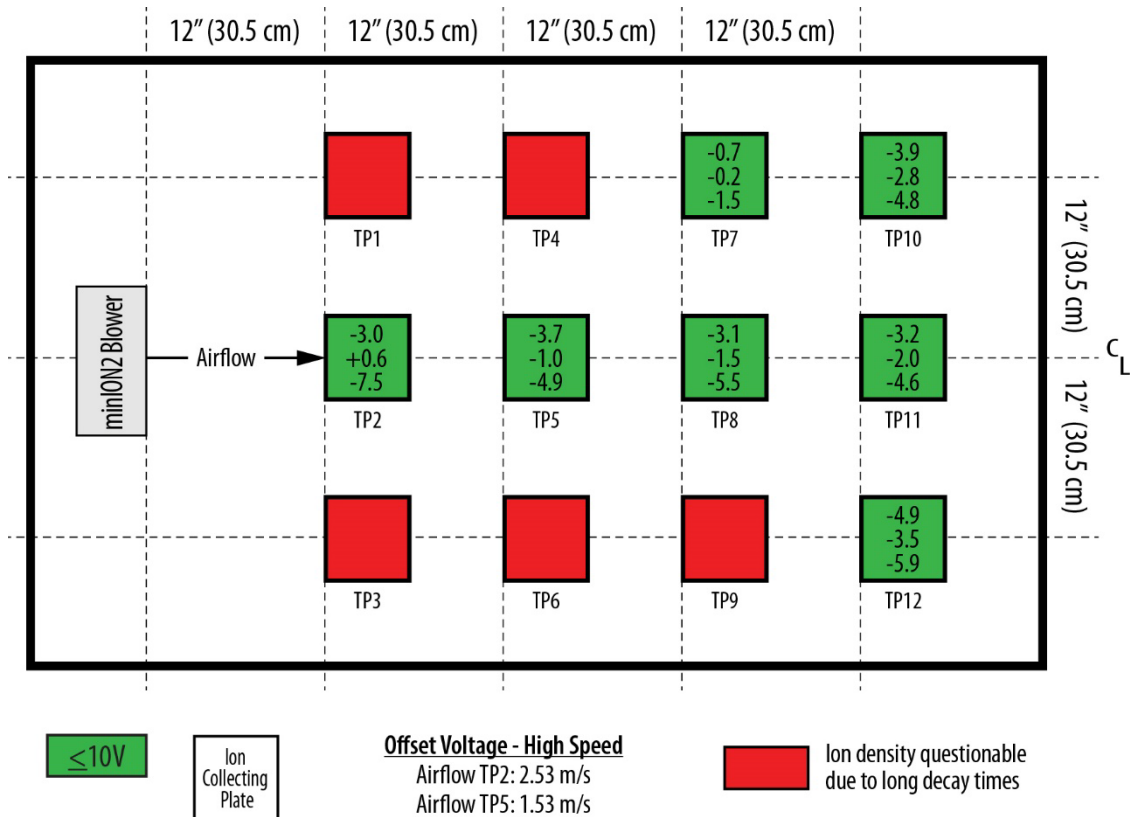


Figure 3. Offset Voltage Data – High Fan Speed

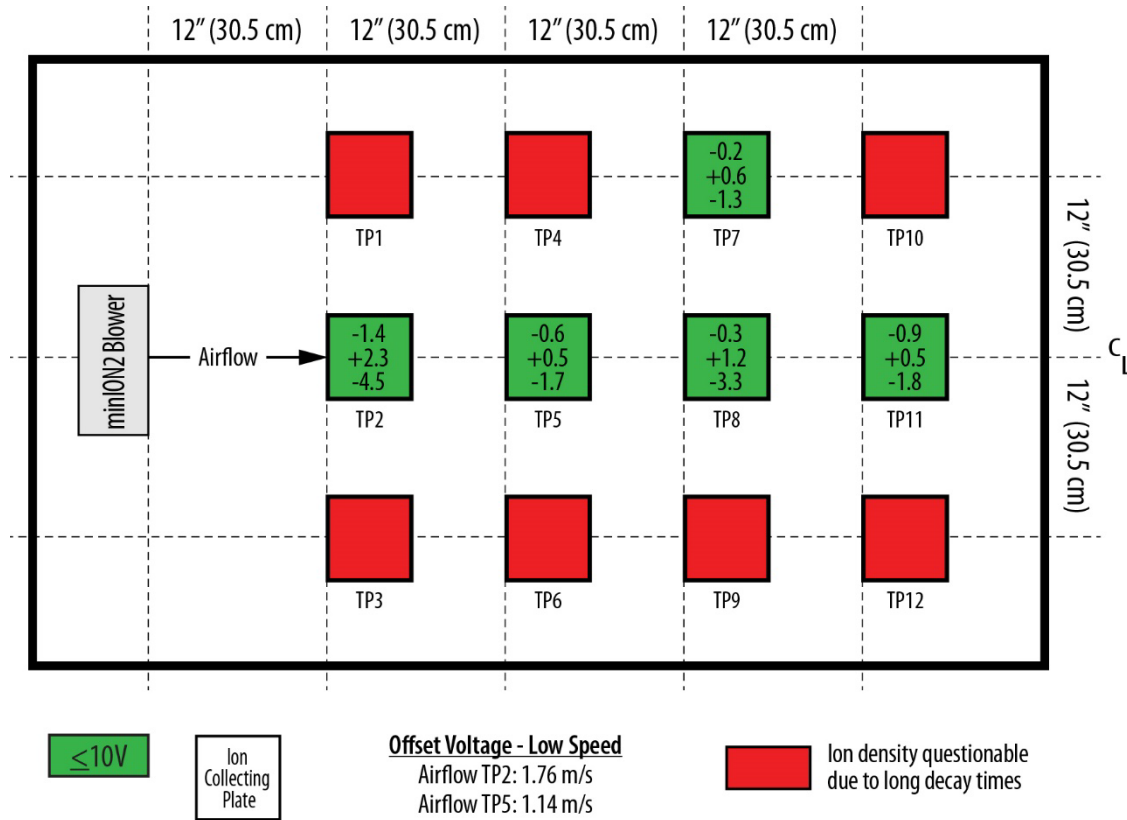
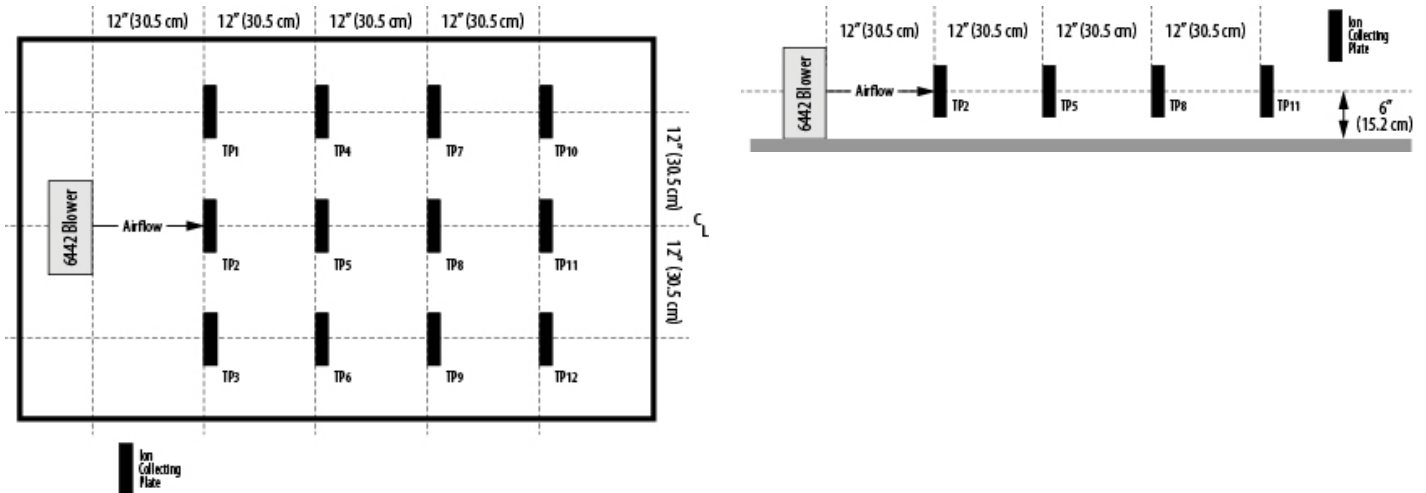


Figure 4. Offset Voltage Data – Low Fan Speed

### Test Diagram Schematics



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