



# IN-TOOL IONIZING BLOWER SOLUTIONS



Blowers	5941	5832	6832	6432e	6422e	MinION2
Feature	<ul style="list-style-type: none"> <li>• <math>\pm 3V</math> or better balance</li> <li>• Warning/alarm 2 level notification</li> <li>• Compact Size</li> <li>• Auto-clean System</li> <li>• Collimator option</li> </ul>	<ul style="list-style-type: none"> <li>• FMS Connection</li> <li>• Novx Inside or Novx System</li> <li>• Auto-clean System</li> <li>• Angled Collimator</li> <li>• Warning/alarm 2 level notification options</li> </ul>	<ul style="list-style-type: none"> <li>• <math>&lt; \pm 10V</math> or better balance</li> <li>• Fault/fan alarm LEDs, FMS connection, audible alarm option</li> <li>• Manual emitter point cleaner</li> </ul>	<ul style="list-style-type: none"> <li>• 24 VDC or 24 VAC</li> <li>• Small footprint</li> <li>• Fault alarm LED, FMS connection</li> <li>• In-tool or benchtop bracket</li> </ul>	<ul style="list-style-type: none"> <li>• 24 VDC or 24 VAC</li> <li>• Small form factor</li> <li>• Fault alarm LED, FMS connection</li> <li>• Auto Emitter Point Cleaner option</li> <li>• U-bracket mounting</li> </ul>	<ul style="list-style-type: none"> <li>• <math>\pm 10V</math> self-balancing</li> <li>• 24 VDC input</li> <li>• Compact design</li> <li>• Fault alarm LED, FMS connection</li> <li>• Modular wiring system (up to 3 units daisy-chained)</li> </ul>
Discharge	$< 4 \text{ sec @ } 12" (30.5 \text{ cm})$ w/o collimator $< 3 \text{ sec @ } 12" (30.5 \text{ cm})$ w/collimator	$< 2 \text{ sec @ } 12" (30.5 \text{ cm})$	$< 2 \text{ sec @ } 12" (30.5 \text{ cm})$	24 VAC: $< 4 \text{ sec @ } 12" (30.5 \text{ cm})$ 24 VDC: $< 5 \text{ sec @ } 12" (30.5 \text{ cm})$	24 VAC: $< 4 \text{ sec @ } 12" (30.5 \text{ cm})$ 24 VDC: $< 5 \text{ sec @ } 12" (30.5 \text{ cm})$	$2 \text{ sec @ } 12" (30.5 \text{ cm})$
Balance	$\pm 3V$ or better	$\pm 3V$ or better balance; $\pm 1V$ w/Novx Inside or Novx System	$< \pm 10V$	$\pm 20V$	$\pm 10V @ 12" (30.5 \text{ cm})$ away	$\pm 10V$
Ion Emission	Steady-state DC Technology	Steady-state DC Technology	Steady-state DC Technology	IsoStat Technology	IsoStat Technology	Steady-state DC Technology
Cleanroom Class	ISO 14644-1 Class 3	ISO 14644-1 Class 3	ISO 14644-1 Class 4	ISO 14644-1 Class 5	ISO 14644-1 Class 5	ISO 14644-1 Class 5
Airflow	17 cfm max	4 Fan Speeds 125 cfm, high	4 Fan Speeds 125 cfm, high	Fixed Fan Speed 49 cfm	Fixed Fan Speed 23 cfm	Variable Fan Speed 21-42 cfm
Dimension	4.33"H x 3.15"W x 1.60"D (11.0 x 8.00 x 4.06 cm) w/o bracket, w/o collimator 4.33"H x 3.15"W x 2.93"D (11.0 x 8.00 x 7.45 cm) w/o bracket, w/collimator	7.27"H x 6.95"W x 2.97"D (18.47 x 17.65 x 7.54 cm) w/bracket, w/o angled collimator	7.33"H x 6.95"W x 2.75"D (18.6 x 17.6 x 6.99 cm) w/bracket	5.28"H x 5.19"W x 2.49"D (13.4 x 13.1 x 6.32 cm) w/o bracket	4.95"H x 4.10"W x 2.48"D (12.6 x 10.4 x 6.30 cm) w/bracket 4.36"H x 3.26"W x 2.48"D (11.1 x 8.3 x 6.3 cm) w/o bracket	3.81" x 5.37" x 2.05" (9.68 x 13.6 x 5.21 cm) w/o bracket
Weight	0.70 lb (0.32 kg) w/o collimator 0.72 lb (0.33 kg) w/collimator	2.2 lb (1 kg) w/bracket	1.98 lb (0.90 kg) w/bracket	1.31 lb (0.59 kg) w/bracket	0.79 lb (0.36 kg) w/bracket 0.7 lb (0.32 kg) w/o bracket	1.10 lb (0.50 kg)