



**American Hakko Products, Inc.**

**P R O D U C T B U L L E T I N**

**Bulletin No:** PB213

**Issue Date:** April 1, 2005

**Product:**

FX-780 Nitrogen generator

**Part No:**

FX780-01

**Specification:**

<b>Air supply pressure</b>	44 – 102 psi (0.3-0.7MPa)
<b>N<sub>2</sub> concentration</b>	99.9% (Max.)
<b>Amount of generated N<sub>2</sub> gas</b>	1.5L/min. (when compressed air of 0.5MPa is supplied at 25°C, the concentration of generated N <sub>2</sub> gas is 98%)
<b>Dimensions (w/o sockets and valve)</b>	2.9 x 11.1 x 2.8 in. (73 x 282 x 71 mm)
<b>Weight (w/o racks)</b>	3.3 lb (1.5 kg)



		N <sub>2</sub> concentration (%)							
		99.9	99.5	99.0	98.0	97.0	96.0	95.0	90.0
Input compression air pressure (MPa)	0.3	0.15	0.37	0.48	0.66	0.88	1.1	1.3	2.6
	0.4	0.24	0.57	0.77	1.1	1.4	1.7	2.0	4.4
	0.5	0.35	0.75	1.1	1.5	1.9	2.2	2.9	5.9
	0.6	0.48	0.97	1.3	1.8	2.4	3.1	3.5	7.5
	0.7	0.55	1.2	1.6	2.2	3.1	3.7	4.2	9.2
	Output amount (L/min)								

**Comments:**

The FX-780 uses membrane technology to convert clean, dry compressed air into nitrogen. The nitrogen can be used with the FM-2026 nitrogen iron and FX-791 nitrogen controller.

**List Price:**

\$1585.37

**Available:**

April 1, 2005

