



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB355

**Issue Date:** 3-10-2015

**Available:** 3-17-2015

**Product Description:**

HAKKO FX-781 High Capacity Nitrogen Generator

**Part No:**

FX781-81

**Specification:**

Model	FX-781
Part Number	FX781-81
Air Supply Pressure	44 – 102 PSI (0.3 – 0.7 MPa)
Air Supply Volume	0.35 CFM (10 L/min)
Air Supply Temperature	41 – 122°F (5 – 50°C)
Concentration Level	99.9% (Max)
Generated Gas Flow <sup>1</sup>	2.4 L/min
Max Operating Temperature	140°F (60°C)
Outer Dimensions <sup>2</sup> (W x H x L)	2.9 x 16 x 2.8 in. (73 x 407 x 71 mm)
Weight (w/o racks)	4.4 lb. (2 kg)
Shipping Dimensions (W x H x D)	5.8 x 20.6 x 4.8 in. (147 x 523 x 122 mm)
Shipping Weight	6.4 lb. (2.9 kg)

<sup>1</sup> Input air pressure of 73 PSI (0.5 MPa) at 77°F (25°C) with 98% N<sub>2</sub> concentration level

<sup>2</sup> As measured without the socket and valve assembly



Contents	
Part Number	Description
--	Nitrogen Generator
B3024	Rack w/2 Screws (4 sets)
--	Y-Fitting
--	Instruction Manual

**Comments:**

The HAKKO FX-781 is an ideal solution for those wanting the benefits of soldering while using nitrogen, but do not want the expense of installing or expanding a nitrogen distribution system within their facility.

Much like the HAKKO FX-780, this new nitrogen generator uses filtered, dry compressed air and a membrane filter to extract the nitrogen from the atmosphere, and can achieve concentration levels as high as 99.9%. The HAKKO FX-781 has approximately double the output capacity of the HAKKO FX-780, allowing one generator to be shared between two soldering irons. Flow controls and compatible soldering irons are sold separately.