



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><br>(W x H x L) | 2.9 x 16 x 2.8 in.<br>(73 x 407 x 71 mm)     |
| Weight (w/o racks)                           | 4.4 lb. (2 kg)                               |
| Shipping Dimensions<br>(W x H x D)           | 5.8 x 20.6 x 4.8 in.<br>(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.

For more information please visit us at [www.HakkoUSA.com](http://www.HakkoUSA.com)