

PRODUCT SPECIFICATIONS / FUNCTIONS

SPECIFICATIONS

Model	RX-802ASPH
Voltage	110 V, 120 V, 220 V, 230 V, 240 V AC 50/ 60 Hz
Power Consumption	80 W
Power Cord Length	1.2 m inlet type
Temperature Setting Range	50–450°C
Ripple temperature	±5°C (unloaded)
Insulation Resistance	Over 100 MΩ (500 V DC)
Applicable Iron Units *Non-N ₂ , also supported.	N ₂ Gas Adaptive Iron Unit RX-80GASPH (included) 80 W Standard Iron Unit *RX-80GAS (sold separately) Micro-Iron Unit *RX-81GAS (sold separately) Soldering Tweezers Unit *XST-80G (sold separately)
Accessories	Iron Unit (RX-80GASPH) Soldering Iron Stand (ST-22)

For basic performance, please refer to RX-802AS, page 18.

The Iron Unit RX-80GAS/ RX-81GAS/ XST-80G cannot be used as a N₂ soldering iron.

Control Unit

Output Voltage	24 V AC
Dimensions	115 (W) × 98 (H) × 146 (D) mm
Weight	1.8 kg

Iron Unit

Model	RX-80GASPH
Iron Unit	N ₂ Gas Adaptive Iron Unit
Voltage/Consumption	24 V AC / 72 W
Ground Resistance	Less than 2 Ω
Leak Voltage	Less than 2 mV
Heater	Nichrome heater
Gas Supply Pressure	0.2M Pa (2 kgf/ cm ²)
Cord Length	1.2 m
Length	158 mm (with RX-80HRT-PHB)
Weight	33 g (with RX-80HRT-PHB)

Equivalent to IPC/EIA J-STD-001C

*The length does not include the cord bushing. The weight does not include the cord.

For replacement tips, refer to p. 29

For Soldering Tweezers XST-80G, refer to p. 56

REPLACEMENT PARTS / OPTIONS

RX-802AS Iron Unit RX-80PHP Tip is not included	RX-802AS Iron Unit RX-80GAS Tip is not included Non-N ₂ , also supported	RX-812AS Iron Unit RX-81GAS Tip is not included Non-N ₂ , also supported	N ₂ O-ring RX-80PHB	Tip changing tool RX-80PHC	Soldering Iron Stand Sponge ST-535P	Soldering Iron Stand Cleaner ST-40BW (2pcs./set)
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A compact N₂ station combining N₂ generator and controller.

N₂ STATION NC-100R



The special separation membrane separates the nitrogen from the compressed air produced by a compressor.

Maintains a stable output pressure(0.2Mpa). Two-tiered setting with **RX-802ASPH** achieves efficient work in smaller space.

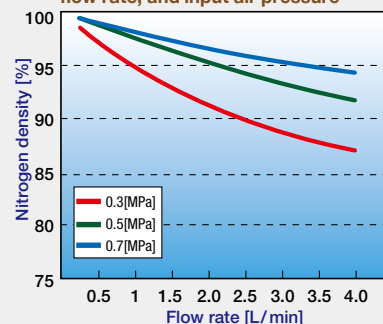
SPECIFICATIONS

Model	NC-100R
Input pressure	0.3–0.7 MPa
Input temperature	5–50°C
Nitrogen generation density	Maximum 99.5% (0.7 MPa, 0.5L / min)
Recommended Nitrogen generation flow rate	1.0L / min
Flow meter	0.5-4.0L / min
Dimensions	118 (W) × 112 (H) × 185 (D) mm (not including protruding parts)
Weight	2kg
Required Hose Dimension	Input: Outer diameter ø6 mm Output : Outer diameter ø4 mm

NITROGEN GENERATION DENSITY

(According to in-house measuring method)

The relation between Nitrogen density, flow rate, and input air pressure



MPa	L/min	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0
0.3		98.7	96.6	94.5	92.0	90.8	89.7	88.5	87.5
0.5		99.8	99.2	98.0	96.8	95.7	94.8	93.8	92.6
0.7		99.9	99.7	99.2	98.3	97.7	97.1	96.3	95.4

An example of measured values

SET-UP EXAMPLE RX-802ASPH + NC-100R

