

Lead-free soldering station / output controller

RX-711ASPH/NC Series

A soldering station for lead free solder

勝特力材料 886-3-5753170

勝特力电子(上海) 86-21-54151736

勝特力电子(深圳) 86-755-83298787

[Http://www.100y.com.tw](http://www.100y.com.tw)



Setup example
RX-711AS PH + NC-10



RX-711AS PH
includes soldering iron
stand model **ST-77**

FEATURES

Pre-heating is done by outputting gas from the clearance between the heater barrel and the tip. This method, allows the soldering work to be done with a tip temperature similar to Eutectic solder and reduces the working time because of minimal tip temperature reduction. Applying spouting gas as N₂ (Nitrogen) gas results in reduction of oxidization and further improves solder wetting and brisk shape. The **RX-711AS PH** is a high capacity soldering station with high power and high insulation. The highly dependable insulated transformer provides 24V output for the soldering unit and assures safe soldering. The **RX-711AS PH** has a variable temperature setting range of from 200°C to 480°C shown on a digital temperature display.

QUICK RECOVERY TIME

By use of the sensor which is integrated with the new simple ceramic heater (PAT.) and the control circuit (PAT.) designed after careful study, a 60W large heat capacity allows faster temperature recovery during heavy soldering, reducing the reaction time even at lower temperature settings. The zero-volt switch circuit controls the heater power ON-OFF by using the temperature feedback system.

ADOPTS THE TAMPER PROOF PROTECTION COVER IN COMPLIANCE WITH THE ISO 9000 SERIES

The lock prevents tampering with temperature calibration and setting, ensuring proper supervision of temperature. Variety of tips **PX-60RT** for **RX-701/711(AS)** is applicable.

ADVANTAGES OF THE PRE-HEATING EFFECT

It allows soldering work to be done with a tip temperature similar to that for Eutectic solder though lead-free solder has a high melting temperature. Enables quicker soldering because it has minimal tip temperature reduction during soldering work.

Reduces solder splashing and/or damage caused by heat-shocks during the soldering work because it preheats the components and/or the solder itself.

ADVANTAGES OF THE PRE-HEATING BY N₂ (NITROGEN) GAS

Reduction of the oxidization at the soldering tip and the soldered part. Improves solder wetting and brisk shape.

Soldering unit **RX-70GAS PH**



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OUTPUT CONTROLLER NC-10 SERIES

It can be stacked with **RX-711AS PH** (control unit) to save space. The **NC-10**, **NC-10S** and **NC-10F** models control airflow supplied from an external compressor or gas server. The model **NC-15** with a built-in type the compressor allows internal air pre-heating.

SPECIFICATIONS

SPECIFICATIONS / REPLACEMENT PARTS

Compliant with ISO 9000 series. Equivalent to MIL STD. 2000A

MODEL		RX-711AS PH
Voltage		110-130 , 220 – 240V AC
Power Consumption		65 W
Output Voltage		24V
Temperature Setting Range		200 – 480°C
Insulation Resistance		Over 100MΩ
Dimensions	Soldering Iron	210mm (w/o cord)
	Control Unit	146(L) x 115(W) x 98(H) mm
Weight	Soldering Iron	75g (w/o cord)
	Control Unit	1.5kg (w/o cord)
Max. Input Pressure		0.2MPa (2kgf / cm ²)
Control Unit to Soldering Unit Cord Length		φ4 x 1.2m
Power Cord Length		1.3m (3 core cable) / ground plug
Ripple Temp. Without Load		± 3°C
Leak Voltage		Under 0.5mV
Ground Resistance		Under 0.3Ω

OUTPUT CONTROLLER

MODEL		NC-10	NC-10S	NC-10F	NC-15
Applicable Gas		External Input Gas (N ₂ , oxygen etc.)			Built-in compressor
Flow Meter		0.5 — 5L / min. Range			-
Output ON / OFF Switch		Toggle Type	-	Foot SW	-
Air Flow Control		Needle Valve Type			3L / min. Fix
Max. Input Pressure		0.2MPa (2kgf/cm ²)			-
Dimensions		146(L) x 115(W) x 98(H)mm			190(L) x 117(W) x 88(H)mm
Weight		587g	437g	960g	1.5kg
Aplicable Tube	Input	Outer diameter φ6mm			-
Dimension	Output	Outer diameter φ4mm			

With the PX-60RT-B soldering tip and the PX-60PH C type bushing.