



**Low cost, high performance models that offer accurate temperature control and easy operation.**

- Newly designed ergonomic grip cover.
- Reaches set temperature extremely fast due to the Quick Start circuit.
- Temperature calibration volume comes as standard.



Variable temperature from 250–450°C



**PX-601 Soldering Controller**



**PX-601/PX-601AS** features protective cover

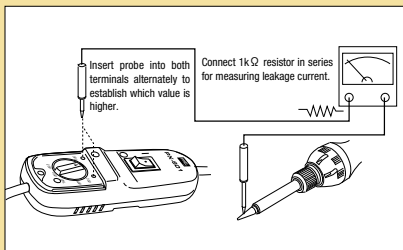
**PX-501 Mini-Station**

**Leakage current insulation resistance measuring terminal**

The PX-601 Series come equipped with a measurement terminal to easily assess the leak current and insulation resistance.

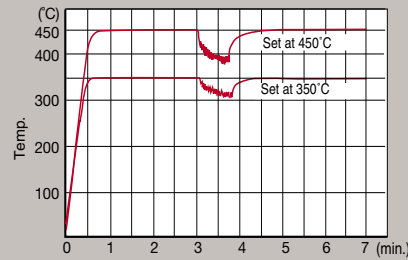
**HOW TO MEASURE LEAKAGE CURRENT AND INSULATION RESISTANCE**

- 1) Contact one of the two probes in the leakage current meter against the tip as shown in the illustration. Then insert the other probe into the measuring terminal hole in the PX-601 and measure the larger value at either side.
- 2) When measuring the leakage current, be sure to connect the 1KΩ resistor with the circuit in series. (Measurement based on electric appliance regulations)



**When measuring the leakage current and insulation resistance do not ground. If the leakage current is measured while grounded, the current meter will be damaged.**

**TIP TEMPERATURE STABILITY**



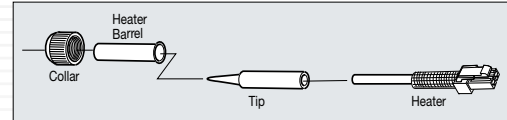
The characteristic curve was derived with thermocouple fit at the tip and melting solder consecutively on 5 × 5mm PCB land size. (TIP / PX-60RT-B)

Model	PX-501	PX-601
	PX-501AS	PX-601AS
Voltage	110-130, 220–240V AC 50/60Hz	
Power Consumption	80–85W	
Soldering Unit Voltage	110, 220–240V AC / 80W	
Temp. Setting Range	250–450°C	250–450°C
Temp. Control System	Sensor Feedback (ON–OFF Control)	
Insulation Resistance(500V DC)	Over 100MΩ	
Dimensions	Soldering Unit	195mm (w/o cord bushing)
	Control Unit	85(L)×100(W)×57(H)mm 130(L)×48(W)×31(H)mm
Weight	Soldering Unit	41g (w/o cord)
	Control Unit	266g (w/o cord) 75g (w/o cord)
Ripple Temp. without Load	±3°C	
Leak Voltage	Less than 0.1mV	
Ground Resistance	Less than 0.1Ω	
Main Unit to Soldering Unit cord Length	1.2m	
Power Cord Length	1.5m (3 core cable) ground plug	

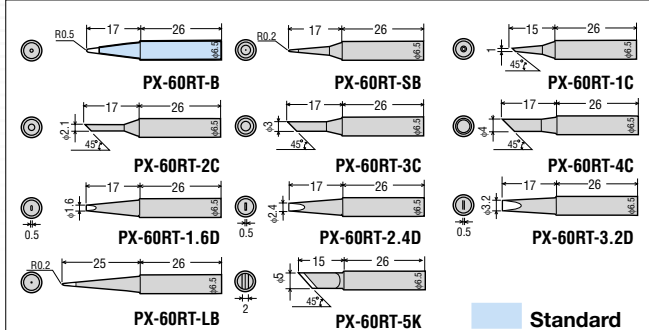
**Replacement Parts**

- ☑ PX-501/601 Heater
- PX-60H 100V (110V)
- PX-60H 200V (220-240V)

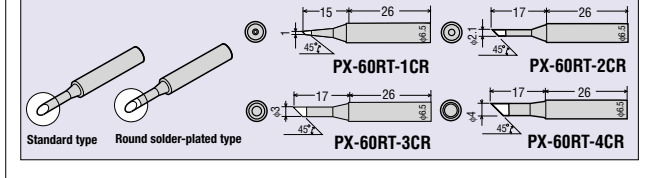
- ☑ PX-501/601 Collar
- ☑ Heater Barrel
- TQ-77NUT
- PX-60HP



**Replacement Tips**

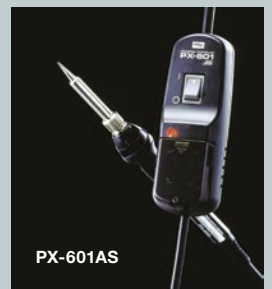


**Round solder-plated tip**



**PX-501AS, PX-601AS**

This anti-static model assures safe soldering of precision components that are easily damaged by static-electricity. Anti-static materials are used in the soldering unit grip section, control unit and soldering unit cord where static-electricity can be easily generated. This means that destructive static electricity is not generated when soldering.



**PX-601AS**