

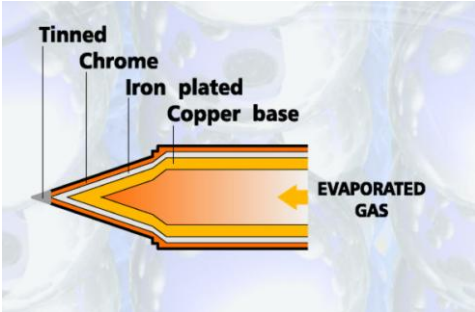


Model No.	PRO-50	Revision	0
Date of issue:	December 9, 2013		
Product Name:	Butane Powered Manual Ignition Soldering Iron		
Retail Brand:	iroda		

1	FEATURES
1.1	Equivalent to a power range 30W-70 Watt Cordless/simple/and safe operate under any conditions, anywhere
1.2	<i>Power: Butane Powered, Manual-ignition model</i> <i>Temperature: soldering tip: range of 210 degree C to 450 degree C</i>
1.3	Ready to use 15 seconds after ignition Tank contains fuel for 30 minutes of operation

2.	PROPERTY	ACCEPTANCE CRITERIA
2.1	GENERAL APPEARANCE	
2.1.1	Packaging	Packaging provides adequate protection for the product. The master carton endures the height (28 inches) of drop test without damage to packaging.
2.1.2	Instructions	Packaging and instructions is in English, contains all the required warnings and precautions.
2.1.3	Visual Inspection	Sample is free of visible defects and imperfections. There is no fracture in the tool body or any of the included components.
3.2	BRAND IDENTITY	
3.2.1	Marking	Sample label marking on the station body
3.3	PRODUCT SAFETY	
3.3.1	Sharp Edges	No readily accessible sharp edges is present on the handle or tool body.
3.3.2	Turn on the Ignition	The heating catalyst in the tip works within 10 seconds. At the rate up to 90% (CNS6853,CNS10666)
3.3.3	ON/OFF Adjuster	OK, contains Gas control lever
3.3.4	Impact Test	The height (1M) of drop test to the gas tank on the unit at room temperature is approved. There is no fracture or gas leakage occurred.
3.3.5	Leak Resistance	Water test in the condition of 65 degree C. There is no leakage on the unit body.
3.3.6	Temperature Stability	Maximum temperature of storage: 65 degree C
3.3.7	Material	Nylon 66. Heat Distortion Temperature: 290 degree C
3.3.8	Heating Catalyst	Approximate 200 hours limited life of usage.
3.4.	BASIC PERFORMANCE	
3.4.1	Ergonomic Design	Sample is well balanced for comfortable hand-held use and is easy and intuitive to use. Warranty: 18 months.
3.4.2	Filling	Valve of controllable burner: 2,000 cycles

3.4.3	Switch Force	0.5kgs
3.4.4	Maximum Temperature	The sample meets the claimed maximum soldering tip temperature output 450 degree C
3.5	MATERIALS PROPERTIES	
3.6.1	Soldering Iron Tip	Shaped from a copper bar, coated with protective iron plating, Through the Coating is thick for improved durability, it has good heat conductivity for more efficient thermal recovery. Expected life of the soldering tip: approximate 100 hours.



3.6	IMPACT TO THE ENVIRONMENT, HEALTH AND PUBLIC SAFETY	
3.7.1	Special Warning	When used for soldering and similar applications, produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.