

Prüfbericht - Nr.: 28219203 001 <i>Test Report No.:</i>		Seite 1 von 10 <i>Page 1 of 10</i>	
Auftraggeber: ROBURN CO.LTD <i>Client:</i>			
Gegenstand der Prüfung: Gas soldering iron/torch <i>Test item:</i>			
Bezeichnung: <i>Identification:</i>	PT230,PT330,PT360, PT500,PT550,PT600B, MT7720,PT580,PT240 with their series;	Serien-Nr.: <i>Serial No.:</i>	N.A
Wareneingangs-Nr.: <i>Receipt No.:</i>	1140008711	Eingangsdatum: <i>Date of receipt:</i>	July.16,2013
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of test item at delivery:</i>		Good	
Prüfort: <i>Testing location:</i>		TUV Rheinland (China) Ltd Zhongshan Branch Company	
Prüfgrundlage: <i>Test specification:</i>		EN521:2006; DIN EN1326:1996	
Prüfergebnis: <i>Test Result:</i>		Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>	
Prüflaboratorium: <i>Testing Laboratory:</i>		TÜV Rheinland InterCert Kft.	
geprüft/ tested by: <i>Matt. Shen</i>		kontrolliert/ reviewed by: <i>Dyne Wang</i>	
July.22th.2013 Matt Shen		July.24th.2013 Dyne Wang	
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name/Stellung <i>Name/Position</i>
			Unterschrift <i>Signature</i>
Sonstiges/ Other Aspects: <i>This report is based on the testing report 28217055 001 and 28217055 002, including different gas type and appliance category, category directly pressure butane and butane-propane mixer, the testing related to the ignition, resistance to draught and resistance to high temperature were performed again.</i>			
Abkürzungen: P(ass) = entspricht Prüfgrundlage F(all) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar NT = nicht getestet		Abbreviations: P(ass) = passed F(all) = failed N/A = not applicable NT = not tested	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test item. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			

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Verwendete Meßgeräte/Prüfmittel/Equipmentlist

Prüfmittel/Equipment	Gerätenummer/ Ident.-Nummer Barcode-Nummer Equipment number	nächste Kalibrierung/ Überwachung next calibration/ surveillance
Barometer	1.301	3/19/2014
Flue gas analyser	1.316	8/23/2013
Gas Chromatograph System	1.315	11/12/2013
Hybrid recorder	1.007	8/16/2013
Stop watch	1.307	3/21/2014
Electronic scale	1.314	10/20/2013
Pressure gauge	1.313B	3/21/2014
Anemometer	1.172	3/21/2014

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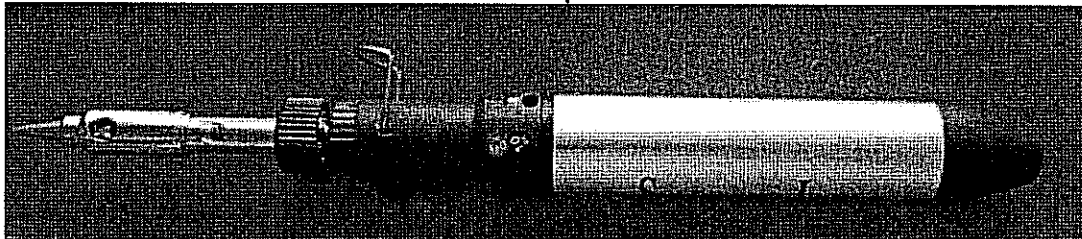
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Produktbeschreibung

Product description

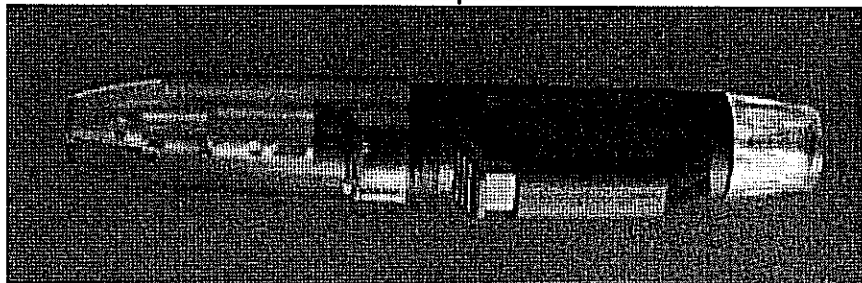
Model	PT230 (PT237,PT239 as series)
Size(L*W*H)	20mmx20mmx215mm
Fuel capacity	6.6g
Appliance category	category direct pressure – butane and propane mixture category direct pressure – butane

Product photo



Model	PT330 (PT247 and PT249 as series)
Size(L*W*H)	35mmx22mmx145mm
Fuel capacity	4.4g
Appliance category	category direct pressure – butane and propane mixture category direct pressure – butane

Product photo



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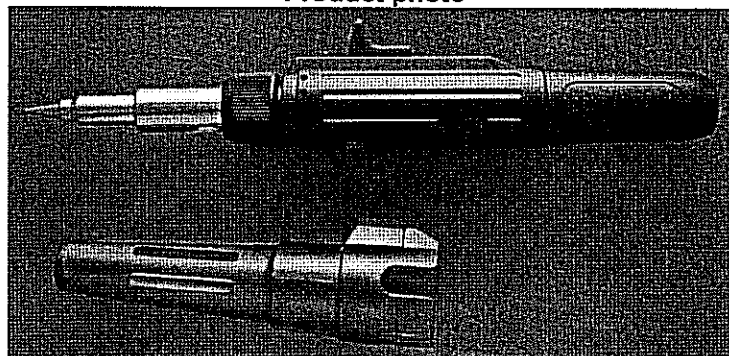
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Produktbeschreibung

Product description

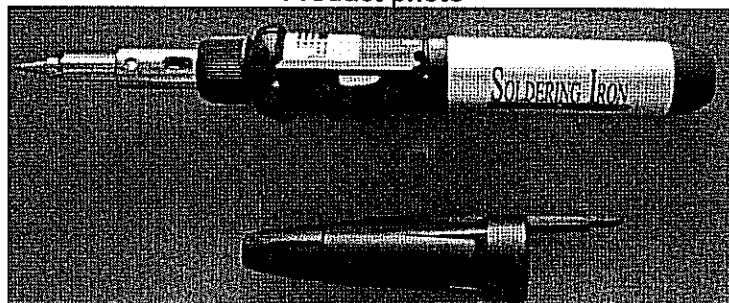
Model	PT360 (PT367 and PT369 as series)
Size(L*W*H)	44.5mmx31mmx222mm
Fuel capacity	6g
Appliance category	category direct pressure – butane and propane mixture category direct pressure – butane

Product photo



Model	PT500 (PT507 and PT509 as series)
Size(L*W*H)	36mmx32mmx235mm
Fuel capacity	10.6g
Appliance category	category direct pressure – butane and propane mixture category direct pressure – butane

Product photo



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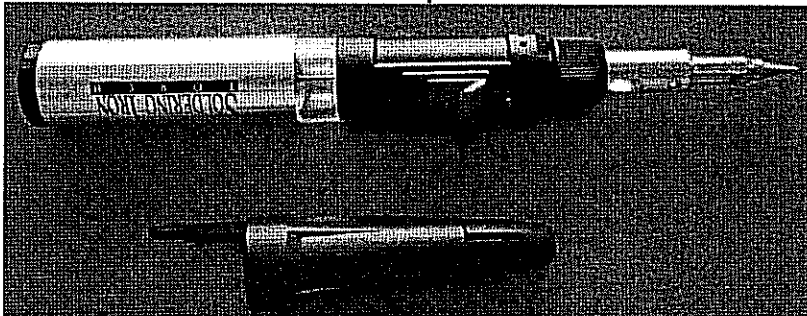
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Produktbeschreibung
Product description

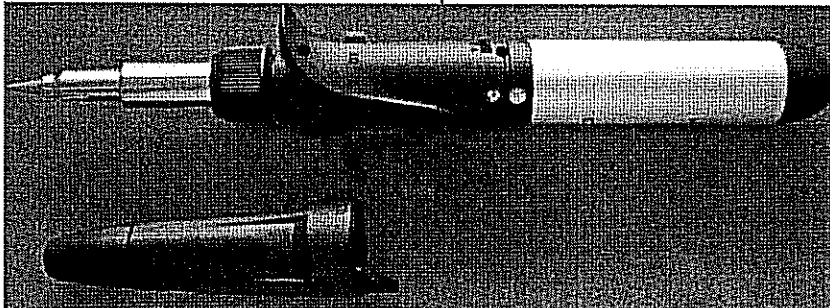
Model	PT550 (PT557 and PT559 as series)
Size(L*W*H)	35mmx28mmx248mm
Fuel capacity	7.8g
Appliance category	category direct pressure –butane and propane mixture category direct pressure – butane

Product photo



Model	PT600B (PT607B and PT609B as series)
Size(L*W*H)	48mmx32mmx245mm
Fuel capacity	8.2g
Appliance category	category direct pressure –butane and propane mixture category direct pressure – butane

Product photo



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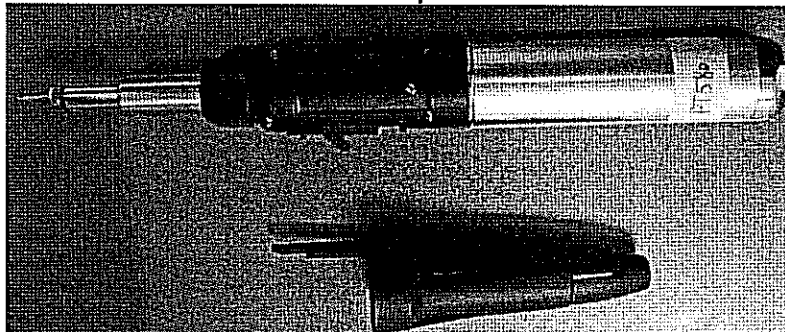
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Produktbeschreibung
Product description

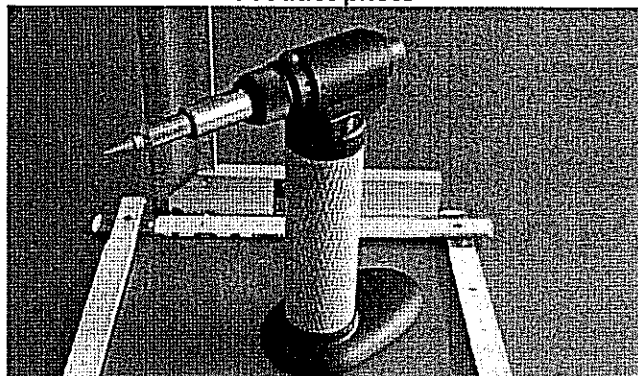
Model	PT580 (PT587 and PT589 as series)
Size(L*W*H)	33mmx26mmX260mm
Fuel capacity	7.8g
Appliance category	category direct pressure –butane and propane mixture category direct pressure – butane

Product photo



Model	MT7720 (MT7727 and MT7729 as series)
Size(L*W*H)	150mmx60mmx171mm
Fuel capacity	10.2g
Appliance category	category direct pressure –butane and propane mixture category direct pressure – butane

Product photo



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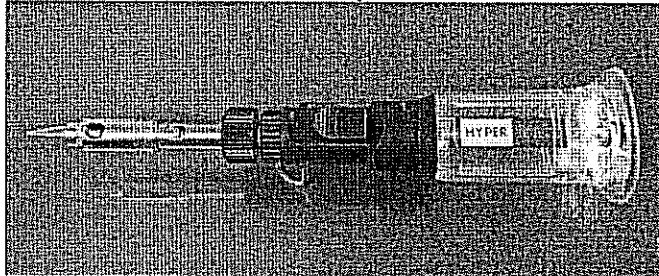
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Produktbeschreibung
Product description

Model	PT240 (PT247 and PT249 as series)
Size(L*W*H)	39mmx25mmx230mm
Fuel capacity	5.2g
Appliance category	category direct pressure –butane and propane mixture category direct pressure – butane

Product photo



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EN521:2006			
1	Scope	Heating element for soldering	
2	Normative reference		
3	Terms and definitions		
4	Classification		
4.1	Classification of gases	butane and propane mixture	
4.2	Categories of appliances	Category direct pressure - butane and propane mixture	
5	Safety requirement		
5.1	General		N/A
5.2	Gas conversion	No gas conversion	N/A
5.3	Materials		P
5.4	Assembly, cleaning and maintenance		P
5.5	Strength and stability		P
5.6	Soundness of gas circuit		P
5.7	Connection		P
5.8	Transport, fixing and mobility devices		P
5.9	Taps		P
5.10	Control handles		P
5.10.1	Construction		P
5.10.2	Marking		P
5.11	Injectors		NA
5.12	Ignition devices		P
5.13	Flame supervision device	No FSD	NA
5.14	Burners and radiant elements	Ceramic burner	P
5.15	Grids		NA
5.16	Turnspit		NA
5.17	Fireguards for heating appliances		NA

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Abstaz Clause	Anforderungen- Prüfungen Requirement-Test	Messergebnisse-Bemerkungen Measuring results-Remarks	Bewertung Evaluation
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5.18	Locations and compartments for refillable gas containers		NA
5.19	Verification of the heat input		NA
5.20	Resistance to overheating		NA
5.21	Temperature of various parts of the appliance	Shank temperature:20.8°C (in operation) Igniter temperature:28°C	P
5.22	Temperature of panels	Wood support, 30.8°C Ambient temperature, 27.3°C	P
5.23	Ignition, crosslighting and flame stability		P
5.24	Resistance to draught		P
5.25	Resistance to liquid spillage		NA
5.26	Combustion		NA
5.27	Accumulation of un-burnt gas		P
5.28	Safety at high temperature	No leakage inside 50°C hot water	P
5.29	Sooting – condensation	No condensation	NA
5.30	Rational use of energy	<1.16kW	NA
7.1	Appliance marking		P
7.2	Package marking		P
8	Instruction for use, maintenance and installation		P

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Abstaz Clause	Anforderungen- Prüfungen Requirement-Test	Messergebnisse-Bemerkungen Measuring results-Remarks	Bewertung Evaluation
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DIN EN1326:1996			
1	Scope		
2	Normative reference		
3	Definitions		
4	Design		
4.1	General		P
4.2	Materials		P
4.3	Gas containers	Refillable gas container	NA
4.4	Connection device		NA
4.5	Shutoff device	On off tap	P
4.6	Pressure regulator		NA
4.7	Safety devices		NA
4.8	Hose and hose coupling nipple		NA
4.9	Blow pipe		NA
4.10	Carriage and stability		P
4.11	Eye protecting equipment		NA
5	Marking		
5.1	Gas controls		P
5.2	Appliance		P
5.3	Durability		P
6	Instructions for use and maintenance		P
7	Test		
7.1	General		P
7.2	Gas tightness		P
7.3	Endurance	After 1000 times switch on and off in room temperature, no leakage happen	P
7.4	Resistance to the pressure		P
7.5	Ignition test		P
7.6	Strength of hose connections		NA
7.7	Stability		P
7.8	Inflammability test		NA

End of report