

Solder, Desolder & Rework WJS 100



The New Gold Standard in Soldering Systems

Introducing the WJS™ 100 High-Power Soldering System...from PACE.

Since William (Bill) J. Siegel founded PACE in his basement in 1958, PACE has been dedicated to providing our customers with the most cost-effective, productivity-enhancing solutions for all their soldering, rework, repair, training and application support needs. Now, in celebration of over 50 years of service to the electronics industry, we proudly introduce the first soldering system innovative enough to bear Bill's name, the gold anniversary edition WJS 100 Soldering System.

The WJS 100 features all the advanced process control technology you have grown to expect from PACE but now with nearly *twice* the maximum power output to make easy work of your most challenging, high-thermal-mass or high-volume soldering applications.

Integral to the WJS 100 solution is a special range of gold-end tip-heater cartridges* uniquely engineered to deliver maximum heat through-put to the work and increase productivity while allowing you to solder at safer, lower temperatures—even with lead-free solder.

The WJS 100 is fully programmable, loaded with features, and incorporates PACE's exclusive IntelliHeat™ Control Technology. The WJS 100 comes standard with a special anniversary edition of PACE's renowned TD-100 Thermo-Drive® Handpiece, considered by many to be the most comfortable soldering handle available. But don't take our word for it. Try one today!

Features:

- PACE's Exclusive **IntelliHeat™** Control Technology.
- **Fully programmable**, digital processor, LED display and keypad.
- **Password lockout** guarantees your process integrity.
- **Temp Setback and Auto-Off** helps to maximize tip life and saves on power costs.
- **Definable Operating Temperature Range** via "Hi" and "Lo" Setting.
- Nearly **twice the maximum power output** increases productivity at safer, lower temperatures—even on the heaviest loads.
- **Lower Cost of Ownership**





WJS 100 Specifications

WJS 100 Part Numbers	8007-0558 120 Volt System with Standard Cubby	8007-0560 120 Volt System with ISB Cubby	8007-0559 230 Volt System with Standard Cubby	8007-0561 230 Volt System with ISB Cubby
Power Requirements	120 W Maximum Output, 97-127 VAC, 50/60 Hz		120 W Maximum Output, 197-253 VAC, 50/60 Hz	
Dimensions	104mm (4.1") H x 130mm (5.1") W x 152mm (6") D			
Weight	2.3 kg (5 lbs)			
Control	LED Digital Display and Keypad			
RoHS Compliant	Yes			
Control Technology	IntelliHeat™			
Tip to Ground Resistance	2 ohms or less			
Calibration	Typically not needed, but system can be calibrated using PACE's Easy-Cal software feature (included in each system)			
Temperature Accuracy	Meets or exceeds ANSI-J-STD			
Absolute Temperature Stability	1.1°C (2°F) at idle tip temp			
Temperature Range	205-454°C (400-850°F)			
Tips	1128 Series, Ultra-Performance Tip-Heater Cartridge Tips with Gold End Connector*			
Soldering Handpiece	Standard: Commemorative 50th Anniversary TD-100 Thermo-Drive® Soldering Handpiece Optional: MT-100 MiniTweez (6010-0148-P1 Handpiece only or 6993-0264-P1 Handpiece and Tool-stand)			
Iron Stand	TD-100 Tip and Tool stand can hold up to 6 tips. Comes standard with sponge, stay-moist well and brass wool to clean oxidation from tip. WJS Systems are available with PACE's standard cubby or with the Instant SetBack (ISB) Cubby that extends tip life and saves energy.			

*The WJS 100 can only be used with 1128 series tips and the TD-100 Thermo-Drive® Soldering Handpiece.



WJS 100 Tips

WJS Tips	Part Numbers	Description	Tip Size-L		Size-D	
	1128-0001-P1	1/32" Conical Sharp Extended	12.75mm	(0.502")	0.8128mm	(0.032")
	1128-0002-P1	1/64" Conical Sharp	9.144mm	(0.36")	0.4064mm	(0.016")
	1128-0003-P1	1/64" Conical Sharp Bent 30 Degree	9.144mm	(0.36")	0.4064mm	(0.016")
	1128-0008-P1	3/64" 30 Degree Chisel	9.906mm	(0.39")	1.1938mm	(0.047")
	1128-0010-P1	13/64" Extra Large Chisel	7.62mm	(0.3")	5.1562mm	(0.203")
	1128-0012-P1	1/32" 30 Degree Chisel	9.017mm	(0.355")	0.8128mm	(0.032")
	1128-0013-P1	3/32" 30 Degree Chisel	9.017mm	(0.355")	2.3876mm	(0.094")
	1128-0019-P1	1/16" 30 Degree Chisel	9.017mm	(0.355")	1.5748mm	(0.062")
	1128-0032-P1	MiniWave®	8.255mm	(0.325")	2.794mm	(0.11")
	1128-0037-P1	0.25" Knife Blade	12.446mm	(0.49")	6.35mm	(0.25")
	1128-0051-P1	1/8" 30 Degree Chisel	9.0mm	(0.355")	3.2mm	(0.125")
	1128-0052-P1	0.063" Chisel Tip	9.017mm	(0.355")	1.6mm	(0.063")
	1128-0053-P1	0.125" Chisel Tip	9.017mm	(0.355")	3.175mm	(0.125")
	1128-0054-P1	0.188" Chisel Tip	9.017mm	(0.355")	4.775mm	(0.188")
	1128-0055-P1	0.250" Chisel Tip	9.017mm	(0.355")	6.35mm	(0.25")
	1128-0056-P1	0.281" Chisel Tip	9.017mm	(0.355")	7.137mm	(0.281")
	1128-0057-P1	0.313" Chisel Tip	9.017mm	(0.355")	7.95mm	(0.313")
	1128-1001-P1	Chip (fig.A)	0.2mm	(0.008")	0.2mm	(0.008")
	1128-1002-P1	Chip, SOT (fig.B)	0.7mm	(0.03")	0.5mm	(0.02")
	1128-1003-P1	Chip, SOT (fig.B)	0.7mm	(0.03")	1mm	(0.04")
	1128-1004-P1	Chip, SOT (fig.B)	0.7mm	(0.03")	2mm	(0.08")
	1128-1005-P1	SOIC, SOT, TSOPS (fig.C)	0.7 mm	(0.03")	6mm	(0.24")
	1128-1006-P1	SOIC, SOT, TSOPS (fig.C)	0.7mm	(0.03")	8mm	(0.31")
	1128-1007-P1	SOIC, SOT, TSOPS (fig.C)	0.7mm	(0.03")	10mm	(0.39")
	1128-1008-P1	SOIC, SOT, TSOPS (fig.C)	0.7mm	(0.03")	13mm	(0.51")
	1128-1009-P1	SOIC, SOT, TSOPS (fig.C)	0.7mm	(0.03")	18mm	(0.74")
	1128-1010-P1	SOIC, SOT, TSOPS (fig.C)	0.7mm	(0.03")	28mm	(1.09")
	1128-1011-P1	Extended Chip, SOT (fig.B)	0.7mm	(0.03")	1mm	(0.04")

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