

Automatic Soldering Units

CONTROLLER

Originally developed high performance controllers dedicated for automatic soldering are available such as; **MAXEED II**, multi-function type and **IMPAC III**, easy operational type.

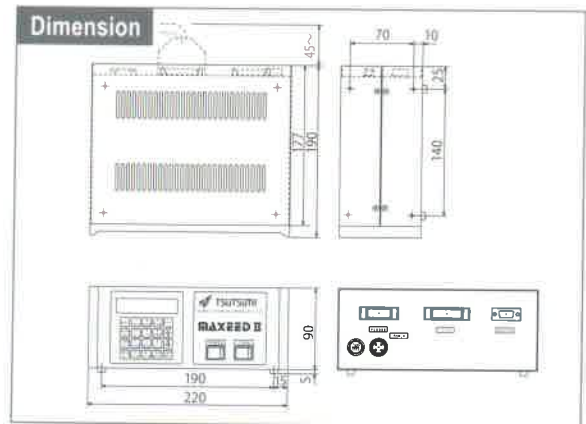
MULTI-FUNCTION TYPE

MAXEED II

TS-811

- 511 different soldering conditions can be registered.
- Commands can be freely selected.
- Under 1 soldering condition, setting for 'Amount and speed of solder feeding' or 'timer' can be repeated for any number of time.
- Programmable general-purpose Input / Output within the soldering conditions permits easy connection with other equipment.
- Connection to PC allows soldering conditions and operation chart data to be easily managed. (when the optional **TSCOWIN** is used.)

Model No.	TS-811-□ □ indicates the direction of installation.	
Weight	3kg	
Power requirement	AC100~240V ±10% 50/60Hz	
Power consumption	50W+ (Heater capacity)	
Working ambient temperature	0~40°C (No condensation)	
Working environment	No corrosive gas	
Control system	32-bit micro-computer	
Number of control axes	Simultaneous 2-axis (Solder feeding, AUX side)	
Number of programs	511	
Programming system / Temp setup	Panel key, RS232C	
Operating sequence	Programmable (Sequencing function included)	
Temperature control system	PID method	
Temperature setting range	0~500°C (32~932°F)	
Setting value	Solder feeding amount	0~99.9mm
	Solder feeding speed	0~99.9mm/sec
	AUX side Solder feeding amount	0~99.9mm
	AUX side Solder feeding speed	0~99.9mm/sec
	Timer	0~9.99sec
Commands	H.U, H.D, S+, S-, S.CLN, A.U, A.D, A+, A-, A.CLN, TIM, IN, OUT, ACK, H.ON Selection of soldering conditions (8bit binary), Standby temp release Start, Emergency stop, Error reset, Iron up/down, AUX side up/down Solder feeding, solder rewinding, AUX side solder feeding, AUX side solder rewinding, Slide end General purpose (IN1~4)	
Control signals	(Input)	Standby, under operation, ACK, solder shortage error, solder clogging error
		Temp. abnormal, LS over time error, Under standby temp
	(Output)	Outputs for tip life management, Outputs for tip life management at AUX side, Iron upper limit
		Iron lower limit, Iron upper limit at AUX side, Iron lower limit at AUX side
		AUX side under blowing, general purpose (OUT 1~4), option monitor (±)
Direction of installation	Vertical · · · V, Horizontal · · · H	



MAXEED II set ● TS-811 ● TI-632 ● TF-621N

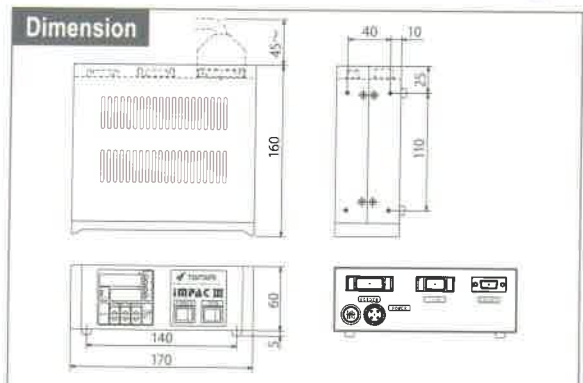
EASY-OPERATION TYPE

IMPAC III

TS-711

- 31 different soldering conditions can be registered.
- Expansion of I/O and Tertiary solder feeding function is available.
- Simply inputting of each setting value for setup.
- Connection to PC allows soldering conditions and operation chart data to be easily managed. (when the optional **TSCOWIN** is used.)

Model No.	TS-711-□ □ indicates the direction of installation.	
Weight	2kg	
Power requirement	AC100~240V ±10% 50/60Hz	
Power consumption	30W+ (Heater capacity)	
Working ambient temperature	0~50°C (No condensation)	
Working environment	No corrosive gas	
Control system	32-bit micro-computer	
Number of control axes	1 control	
Number of programs	31	
Programming system / Temp setup	Panel key, RS232C	
Operating sequence	Fixed	
Temperature control system	PID method	
Temperature setting range	0~500°C (32~932°F)	
Setting value	Solder feeding amount	0~99.9mm or 0~999mm
	Solder feeding speed	0~99.9mm/sec
	Timer	0~9.99sec or 0~99.9sec
	Start, Stop, Cleaning, Reset	
Control signal	(Input)	Slide end, Manual solder feeding, standby temp release, Iron down
	(Output)	Selection of soldering conditions (4-bit)
		Standby, Under operation, Solder clogging error, Solder shortage error
Direction of installation	Vertical · · · V, Horizontal · · · H	



IMPAC III set ● TS-711 ● TI-632 ● TF-621N