

Temperature controller for LA method soldering iron

M50

With a communication function corresponding to QSS-3000

■ Features (M50/M12/MW50/MW12)

- Setting temperature and actual temperature of iron tip are constantly displayed digitally .
- Limit alarm sound and display of setting temperature
- Auto tuning of PID value enables the restoration to the most adequate temperature.
- Equipped with regulating function of restoration speed.
- Corresponds to all TB series soldering irons.



M12

General-purpose type

MW50

Two ream controller with communication function corresponding to QSS-3000

MW12

General two ream-typ



Adding auto tuning function of PID and restoration speed adjustment function to the conventional model has enabled full demonstration of the performance of soldering iron. Even a person using LA soldering iron for the first time can master it immediately.

The necessity of two reamed controllers

It is getting difficult to cope with the severe restriction condition of lead-free soldering by one type of soldering iron. Electronic parts and boards continue to diversify and thermal capacity of soldering objects differ greatly. In such situation, please try two ream type controllers, which will not take much workspace.

MTR14

Three ream type best for cell work



■ Features

- Occupation area is same as the single ream type.
- Soldering iron to be installed can be freely selected.
- It is best for works in which many kinds of soldering irons are used, such as cell work, correction and repair work.

■ Optional

- Iron tip for extraction work such as IC(SOP,QFP)
- Resin iron tip that can manage precise temperature control
- Mini-dip tank for preliminary wire rod

M16T



■ features

- Temperature change is displayed on liquid crystal screen.
- For extracting temperature condition of soldering work and for operator's education and training



Printer DPU-414 for M16

M15T



■ features

- Smaller products
- Without function Abnormality of control temperature of iron tip

M9XT



■ features

- Smaller and low-priced product.
- For specific work as it has no digital display

■ Specifications (controller)

Model No.	M50	M12	MW50	MW12	MTR14	M16T	M15T	M9XT
Input voltage	AC100~240V (universal power supply)							
The input temperature range	0~500℃					0~600℃		—
Power cable	1.5m:3PCHI (with earth)							
Dimensions(W.D.H)	97×130×73		95×130×130			186×193×205	63×135×85	
Weight	Less than 800g		Less than 1300g			Less than 1900g	Less than 720g	Less than 550g
Temperature control method	PID Control							P Control
Temperature display	Actual iron tip temperature, Setting temperature							—
Error display	Over scale, sensor break							—
Alarm function	Yes		—			Yes	—	
Case material	Steel							
Power consumption	Less than 10VA		Less than 20VA		Less than 30VA	Less than 16VA	Less than 10VA	Less than 5VA
Fuse	3.0A		3.0A×2		3.0A×3	3.0A		
Communication function	Yes	—	Yes		—			

■ Specifications (Soldering iron unit)

Models	100V	TB-118	TB-140JA	TB-140JB	—	—	TB-150	TB-150KM	TB-155JA	TB-155JB	TB-165	TB-195J	TB-1100
No.	220V	—	—	—	TB-240	TB-240KM	—	—	TB-255JA	TB-255JB	TB-265	TB-295J	TB-2100
Output		18W	40W	40W	40W	40W	50W	50W	55W	55W	65W	95W	100W
Iron tip		BN5	BJ5	BJ6 XBJ6	BN7 BN8 BN10	BN7KM	BN7 BN8 BN10	BN7KM	BJ7	BJ8 XBJ8	BNP10 BN11	BJ11 XBJ11	BN12