

# 100 W

## WAD101

### Multi purpose single channel hot air station for operation from compressed air or inert gas

The WAD101 is a microprocessor controlled hot air station equipped with a HAP1 hot air pencil for use on circuits using small surface mounted components. It uses compressed air or gas from an external source, the delivery volume controlled manually from a pressure regulator. The unit's flexibility is

further increased by its ability to use all other Weller tools of sufficient rating (except vacuum desoldering tools) upto a max rating of 80 watts. The station can identify which tool is in use and automatically calibrate itself for that tool.

#### Technical data WAD101:

Dimensions:	6.5" x 5.3" x 4.0"
(W x L x H)	(166 x 134 x 101mm)
Mains voltage:	120 V
Power input:	105 W
Air volume:	5 – 10 l/min
Vacuum:	–
Temperature range:	
hot air	150°F – 999°F (50°C – 550°C)
Accuracy:	± 86°F (30°C)
Protection class:	1 and 3 (control unit and hot air iron hard grounded)

#### Consists of:

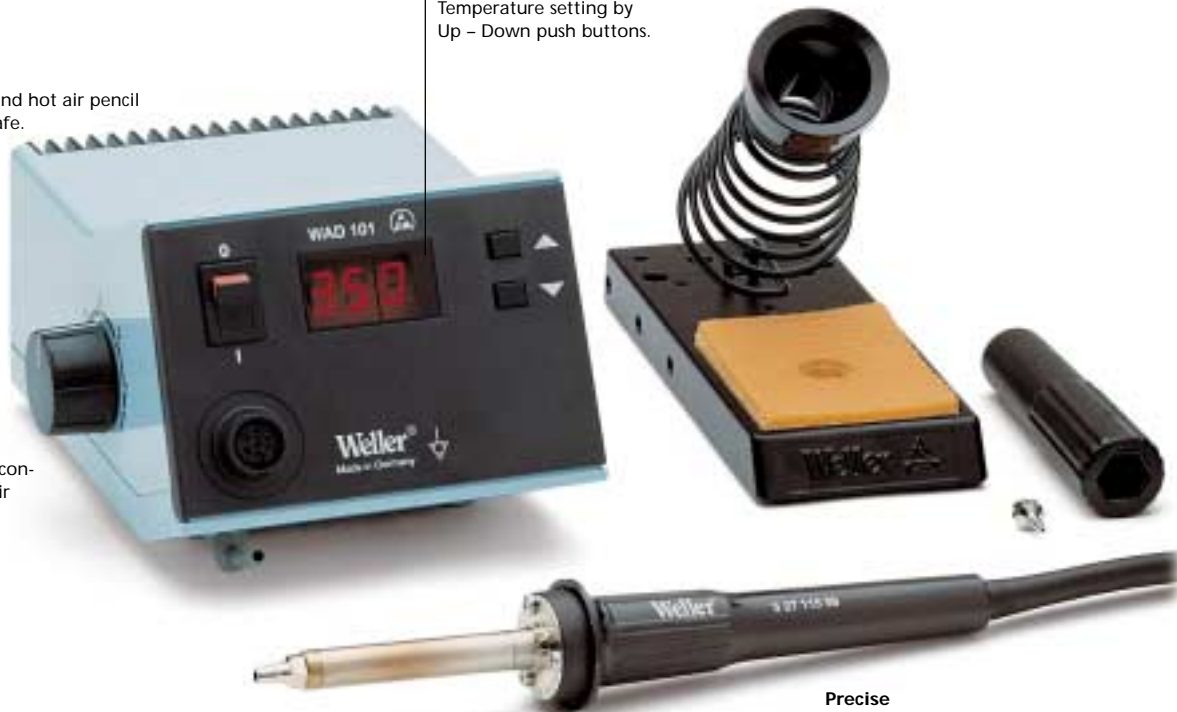
- Power unit
- Hot air pencil HAP1 with support KH27

**ESD safe**  
Housing and hot air pencil are ESD safe.

**Hot air**  
Manual control of air volume.

#### Display

Digital display shows set and actual temperatures. Temperature setting by Up – Down push buttons.



**ESD safe**  
The hot air is passed through an ion trap to ensure charge free delivery.

**Precise**  
Lightweight but powerful (100 Watt) hot air pencil with a wide range of nozzles see pages 18 / 19.