

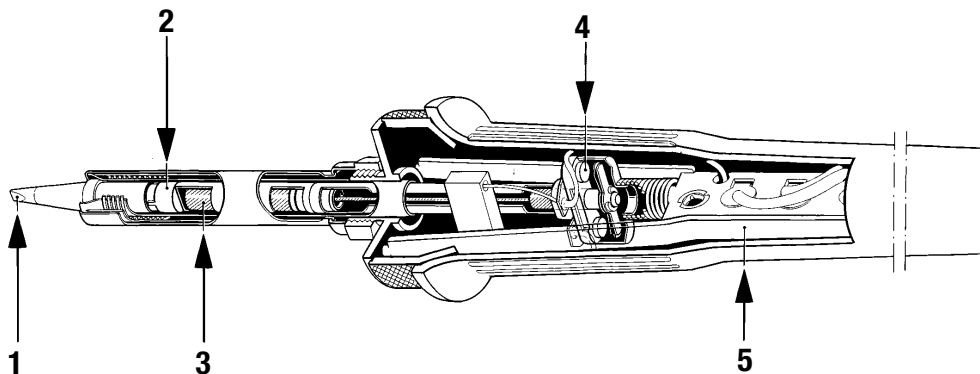
Weller®

W-Series (W 61, W 101, W 201)



Betriebsanleitung - Mode d'emploi - Gebruiksaanwijzing - Istruzioni per l'uso - Operating Instructions - Instruktionsbok - Manual de uso - Betjeningsvejledning - Manual do utilizador - Käyttöohjeet - Οδηγίες Λειτουργίας - Kullanım kılavuzu - Návod k použití - Instrukcja obsługi - Üzemeltetési utasítás - Návod na používanie - Navodila za uporabo - Kasutusjuhend - Naudojimo instrukcija - Lietošanas instrukcija - Ръководство за работа - Manual de exploatare - Naputak za rukovanje

Weller Magnastat System



Legen Sie das Lötwerkzeug bei Nichtgebrauch immer in der Sicherheitsablage ab.

1. Spitze
2. Temperaturfühler
3. Dauermagnet
4. Hauptschalter
5. Kabelhalter

Plaats het soldeergereedschap bij nietgebruik altijd in de veiligheids houder.

1. Punt
2. Temperatuurvoeler
3. Permanente magneet
4. Hoofdschakelaar
5. Kabelhouder

Quando no use el soldador depositelo siempre en el soporte de seguridad.

1. Punta
2. Sonda térmica
3. Imán permanente
4. Interruptor principal
5. Fijación del cable

Always place the soldering tool in the safety rest while not in use.

1. Tip
2. Temperature Sensing Device
3. Permanent Magnet
4. Power Switch
5. Power supply

När du inte använder lödverktyget ska det alltid placeras i säkerhetsåhållaren.

1. Spets
2. Temperatursensor
3. Permanentmagnet
4. Huvudströmbrytare
5. Kabelfäste

Læg altid loddeværktøjet fra dig i sikkerhedsholderen, når det ikke bruges.

1. Spids
2. Varmefler
3. Permamagnet
4. Hovedafbryder
5. Kabelholder

En cas de non utilisation de l'outil de soudage, toujours le poser dans la plaque reposoir de sécurité.

1. Panne
2. Pastille
3. Aimant permanent
4. Interrupteur
5. Plaquette d'alimentation

In caso di non utilizzo, l'utensile di saldatura deve essere sempre appoggiato sul supporto di sicurezza.

1. Punta
2. Sensore termico
3. Magnete permanente
4. Interruttore
5. Alimentazione elettrica

Laita juotostyökalu aina turvateleeseen, kun lopetat työkalun käytön.

1. Kärk
2. Lämötila-anturi
3. Kestomagneetti
4. Pääkytkin
5. Kaapelinpidike



Thank you for placing your trust in our company by purchasing the temperature-controlled WELLER W-series soldering irons. Production was based on stringent quality requirements which guarantee the perfect operation of the device.



1. Caution!

Please read these Operating Instructions and the attached safety information carefully prior to initial operation. Failure to observe the safety regulations results in a risk to life and limb.

The manufacturer shall not be liable for damage resulting from misuse of the machine or unauthorised alterations.

The temperature-controlled WELLER W-series soldering irons corresponds to the EC Declaration of Conformity in accordance with the basic safety requirements of Directives 2004/108/EC, 2006/95/EC and 2011/65/EU (RoHS)..

2. Description

The temperature-controlled WELLER W-series soldering irons are suitable for a broad range of demanding soldering applications on electrical components with extremely high heat sensitivity and are therefore ideal for use in industrial production and for maintenance work on electrical appliances. The industrial soldering irons of the W series have a solidly constructed heating element and a wide selection of "Longlife" soldering tips. The various power classes 60 W, 100 W, and 200 W provide the solution to a multitude of different soldering tasks. Temperature is controlled according to the WELLER Magnastat principle.

If the tip is cold, the permanent magnet is attracted by the ferromagnetic temperature sensor. This actuates the switch. As the sensor approaches the Curie point, it loses its ferromagnetic properties and can no longer hold the permanent magnet. The magnet is released and the switch returns to its off-position (the power supplied to the heating element is interrupted). If the tip cools slightly, the temperature sensor attracts the permanent magnet and power is supplied once again. The temperature sensors (Magnastats) have an extremely narrow distribution of switching temperatures and are not subject to any wear resulting from ageing or material fatigue.

An additional advantage of this design is that the soldering iron is switched off when the tip is changed. The heating element cannot therefore burn out if the soldering tip is removed.

Table: Soldering tips 24.

3. Commissioning

Bend the soldering iron stand using the enclosed bending template. Place the soldering iron in the safety stand. Ensure that there are no combustible objects in the immediate vicinity of the soldering iron. Check whether the mains voltage matches the connected load of the soldering iron. Insert the mains plug of the soldering iron into the mains socket. When the necessary heating-up time has elapsed, wet the soldering tip with a little solder. You can then begin soldering.

Fig.: Bending instructions and bending template see page 25.

4. Important

Do not allow the soldering tip to become seized up. Applying a thin layer of graphite to the end of the soldering tip and frequent withdrawal of the soldering tip prevents unwanted seizing up. The soldering tip should be cleaned using a water-soaked cleaning sponge. When the soldering iron is not in use, always place the soldering iron in the original stand. Ensure that the soldering tip is well tinned during breaks between soldering.

Do not pick the heating element up using pliers or tap it clean. Attaching the sleeve nut by hand (when the soldering iron is cold) is sufficient to secure the soldering tip.

5. Scope of Supply

Soldering iron

Stand

Operating instructions

Safety Information


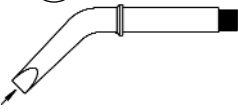

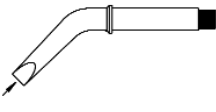

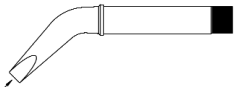
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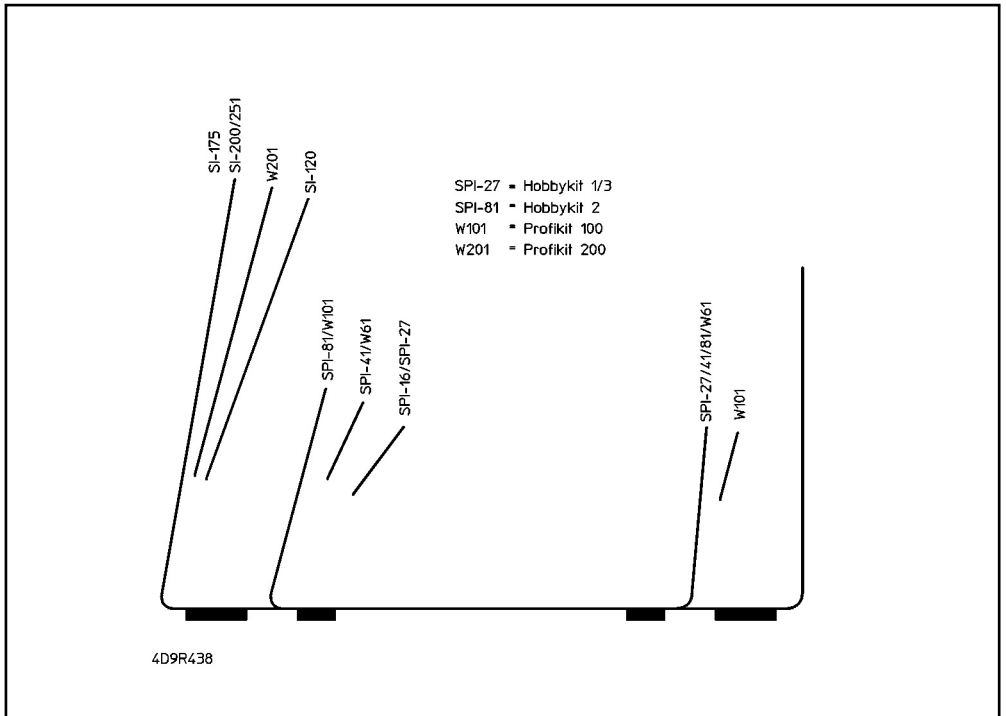
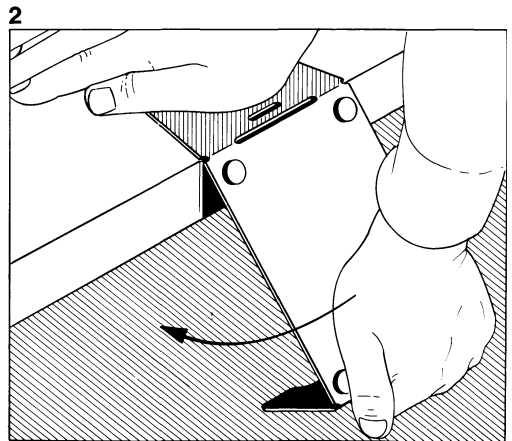
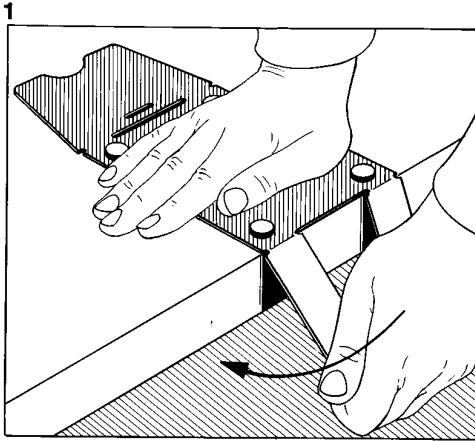
See the updated operating instructions at www.weller-tools.com.

Technical Data

	Voltage*	Power output	Protection class	Standard tip (temperature)
W 61	230 V AC	60 W	I	CT5 B7 (370°C)
W 101	230 V AC	100 W	I	CT6 E7 (370°C)
W 201	230 V AC	200 W	I	CT2 F7 (370°C)

* also available as 120 V model

Bezeichnung und Modell Description and model	Breite Width	Bestell-Nr. Order-No.	370°C	425°C	
			310°C		
1 Soldering Iron W 61 	1.6 mm	CT5 A6 4CT5A6	CT5 A7 4CT5A7	CT5 A8 4CT5A8	
	2.4 mm	-	CT5 B7 4CT5B7	CT5 B8 4CT5B8	
	3.2 mm	CT5 C6 4CT5C6	CT5 C7 4CT5C7	CT5 C8 4CT5C8	
	5.0 mm	-	CT5 D7 4CT5D7	CT5 D8 4CT5D8	
			-		
2 Soldering Iron W 61 	1.6 mm	-	CT5 AX7 4CTAX7	CT5 AX8 4CT5AX8	
	2.4 mm	-	CT5 BX7 4CTBX7	-	
	3.2 mm	-	-	CT5 CX8 4CT5CX8	
	5.0 mm	-	-	CT5 DX8 4CT5DX8	
			-		
3 Soldering Iron W 101 	3.2 mm	-	CT6 C7 4CT6C7	CT6 C8 4CT6C8	
	5.0 mm	-	CT6 D7 4CT6D7	CT6 D8 4CT6D8	
	7.0 mm	-	CT6 E7 4CT6E7	CT6 E8 4CT6E8	
			-		
4 Soldering Iron W 101 	3.2 mm	-	CT6 CX7 5 42 307 99	-	
	5.0 mm	-	-	CT6 DX8 5 42 318 99	
			-		
5 Soldering Iron W 201 	7.0 mm	-	CT2 E7 5 42 407 99	CT2 E8 5 42 408 99	
	10.0 mm	-	CT2 F7 5 42 417 99	CT2 F8 5 42 418 99	
	11.0 mm	-	-	CT2 G8 5 42 428 99	
			-		
			-		
6 Soldering Iron W 201 	7.0 mm	-	CT2 EX7 5 42 507 99	CT2 EX8 5 42 508 99	
	10.0 mm	-	CT2 FX7 5 42 517 99	CT2 FX8 5 42 518 99	
			-		
			-		



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