

Goobay 45241

Goobay 45241 Soldering Aid with LED Lamp and Magnifying Glass User Manual

Model: 45241

1. INTRODUCTION

The Goobay 45241 Soldering Aid is a versatile tool designed to assist with delicate soldering and assembly tasks. It features a magnifying glass with LED illumination, flexible gooseneck crocodile clips, and an integrated soldering iron holder, providing stability and enhanced visibility for precision work.



Image 1.1: The Goobay 45241 Soldering Aid unit, showcasing its main components including the magnifying glass, LED lamp, gooseneck arms, and base with accessories.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in injury or damage to the product.

- Always use the soldering aid on a stable, non-slip surface.
- Keep the device away from water and other liquids.
- Do not look directly into the LED light for extended periods to avoid eye strain.
- Ensure proper ventilation when soldering, as fumes can be harmful.
- Keep out of reach of children.
- Disconnect power when not in use or when cleaning.
- Use only the provided power adapter or recommended batteries.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Goobay 45241 Soldering Aid main unit (base with magnifying glass, LED lamp, gooseneck arms, crocodile clips)
- Soldering iron holder
- Cleaning sponge
- Cleaning wool (brass wire)
- Soldering resin (flux)
- AC Power Adapter

Löthilfe

mit LED-Lupenleuchte,
Schwanenhals & Krokodilklemmen



16 LEDs, 280 lm,
6500 K (kaltweiß)



3-fache
Vergrößerung



Lötkolbenhalterung



Lötschwamm,
Reinigungswolle
& Flussmittel

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Image 3.1: Overview of the soldering aid's features, including 16 LEDs, 3x magnification, soldering iron holder, sponge, cleaning wool, and flux.

Perfekt ausgestattet

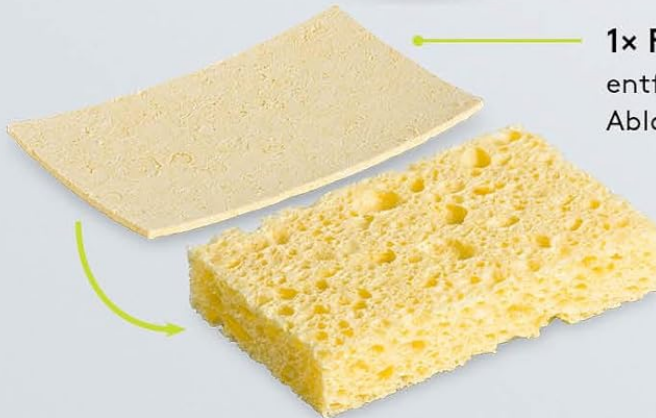
mit allem wichtigen Lötzubehör



1x Lötspitzenreiniger
aus Messing; entfernt effektiv
Rückstände auf der Lötspitze



1x Lötharz (Kolophonium)
als Flussmittel für eine gleichmäßige
Benetzung der Lötstelle



1x Reinigungsschwamm*
entfernt überschüssiges Lötzinn und
Ablagerungen an der Lötspitze

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*Abb. im trockenen (links) und befeuchteten (rechts) Zustand

Image 3.2: Detailed view of the included accessories: brass tip cleaner, soldering resin (rosin), and cleaning sponge.

4. ASSEMBLY

The Goobay 45241 Soldering Aid comes largely pre-assembled. Follow these steps for final setup:

1. Unpack all components from the packaging.
2. Place the main unit on a stable, flat work surface. The robust metal base ensures stability.
3. Ensure the gooseneck arms for the magnifying glass and crocodile clips are securely attached to the

base. Adjust their positions as needed.

4. Insert the soldering iron holder into its designated slot on the base.
5. Place the cleaning sponge, cleaning wool, and soldering resin into their respective compartments on the base.

Robuster Metallfuß für einen sicheren Stand während der Arbeit



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Image 4.1: The soldering aid with key dimensions, highlighting the robust metal base for secure positioning during work.

5. POWER OPTIONS

The LED illumination can be powered either by batteries or via the included AC power adapter.

5.1. Battery Operation

For portable use, the LED light can be powered by 4x AA batteries (not included).

1. Locate the battery compartment on the main unit.
2. Open the battery compartment cover.
3. Insert 4x AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



Image 5.1: The removable battery compartment, designed for 4x AA batteries, allowing for flexible power options.

5.2. AC Power Adapter

For continuous operation, use the included AC power adapter.

1. Connect the DC plug of the power adapter to the power input port on the main unit.
2. Plug the AC adapter into a suitable wall outlet.

Hält die Hände frei

mit 3× Krokodilklemmen zum
sicheren Fixieren des Werkstücks



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Image 5.2: Details of the direct power supply via the included AC adapter, showing Europlug (Type C, CEE 7/16) and DC plug specifications.

6. OPERATING INSTRUCTIONS

This section details how to use the various features of your Goobay 45241 Soldering Aid.



Image 6.1: Labeled diagram identifying key components: Magnifying glass, LED ring light, flexible goosenecks, On/Off switch, soldering iron holder, crocodile clips, cleaning wool, soldering resin holder, flux, and cleaning sponge.

6.1. Using the Magnifying Glass and LED Light

1. Position the magnifying glass gooseneck to bring the lens over your workpiece.
2. Flip the ON/OFF switch located on the main unit to activate the LED ring light.

3. Adjust the angle and distance of the magnifying glass for optimal viewing and illumination of your work area. The 3x magnification and 16 LEDs provide clear visibility for fine details.

Praktischer Helfer

immer eine Hand frei



Image 6.2: Close-up view of the magnifying glass, detailing the LED ring light with 16 SMD LEDs, cold white light color (6500 K), 280 lm luminous flux, and the 90 mm diameter glass lens with 3x magnification (8 diopters).

6.2. Utilizing the Crocodile Clips

1. Use the flexible gooseneck arms of the crocodile clips to securely hold small components or circuit boards in place.
2. Adjust the angle and position of the clips to achieve the desired orientation for your workpiece. The strong clips prevent trembling or wobbling.

Flexibel einsetzbar

LED-Beleuchtung wahlweise über
Netzteil oder Batterien betrieben



Herausnehmbares Batteriefach
für 4× AA-Batterien



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Image 6.3: The soldering aid in use, holding a circuit board, demonstrating its function as a practical helper for hands-free operation.

Alles sicher verpackt zu dir nach Hause



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Image 6.4: The soldering aid providing a helping hand for intricate soldering and crafting tasks, shown with close-ups of fine component work and wire soldering.

6.3. Soldering Iron Holder and Cleaning

- Place your soldering iron in the integrated holder when not actively soldering to keep it secure and prevent accidental burns.
- Use the cleaning wool (brass wire) to effectively remove solder residue from the soldering tip.
- Dampen the cleaning sponge with water and use it to wipe the soldering tip clean.
- Apply a small amount of soldering resin (flux) to the soldering tip or workpiece to improve solder flow and joint quality.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your soldering aid.

- **Cleaning the Lens:** Gently wipe the magnifying glass lens with a soft, lint-free cloth. For stubborn smudges, use a lens cleaning solution. Avoid abrasive cleaners.
- **Cleaning the Base:** Wipe the base and plastic components with a damp cloth. Do not immerse the unit in water.
- **Sponge Care:** Keep the cleaning sponge damp during use. Replace it when it becomes worn or heavily soiled.
- **Battery Replacement:** If using batteries, replace all four AA batteries simultaneously when the LED light dims.
- **Storage:** Store the soldering aid in a clean, dry environment when not in use.

8. TROUBLESHOOTING

If you encounter issues with your Goobay 45241 Soldering Aid, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
LED light does not turn on.	No power, batteries drained, or AC adapter not connected.	Check if the AC adapter is properly connected or replace batteries. Ensure the ON/OFF switch is in the 'ON' position.
LED light is dim.	Low battery power.	Replace batteries or use the AC power adapter.
Unit is unstable.	Not on a flat surface, or components not properly seated.	Ensure the unit is on a flat, stable surface. Check that all goosenecks and accessories are securely tightened.
Magnifying glass view is blurry.	Lens is dirty or not properly focused.	Clean the lens with a soft cloth. Adjust the distance of the lens from your workpiece.

9. SPECIFICATIONS

Model	Goobay 45241
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Item Weight	1.2 Kilograms
Magnification Strength	3 Diopters (3x)
Lens Diameter	90 mm
Lens Material	Plastic, Acrylic
LEDs	16 SMD LEDs
Light Color	Cold White
Color Temperature	6500 K
Luminous Flux	280 lm
Gooseneck Lamp Length	265 mm
Gooseneck Crocodile Clamp Length	250 mm
Base Dimensions (L x W)	190 mm x 170 mm
Total Height	525 mm
Power Supply	4x AA Batteries (not included) or AC Adapter
AC Adapter Output	5.9 V, 0.5 A, 2.95 W
Manufacturer	Wentronic

10. WARRANTY AND SUPPORT

The Goobay 45241 Soldering Aid comes with a **2-year guarantee** from the date of purchase. This warranty covers manufacturing defects under normal use.

For technical support, warranty claims, or further assistance, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty validation.

	goobay Soldering Aid with Magnifying Lamp and Gooseneck Arms User Manual Comprehensive user manual for the goobay Soldering Aid, featuring an LED magnifying lamp, flexible gooseneck arms, and multiple clamps. Includes safety instructions, technical specifications, preparation, commissioning, maintenance, and disposal guidelines.
	Goobay 3-Set LED Real Wax Candles in Glass User Manual User manual for the Goobay 3-Set LED Real Wax Candles in Glass. Provides instructions on safety, operation, maintenance, storage, and disposal for model numbers 77773, 77756, and 77755. Features include real wax, a swinging wick, timer function, and battery power.
	Goobay 3-Piece LED Real Wax Candles in Glass User Manual User manual for the Goobay 3-piece LED real wax candles in glass set. Includes instructions for setup, operation, maintenance, and disposal.
	Goobay 3-Piece LED Real Wax Candles in Glass - User Manual & Instructions Detailed user manual and instructions for the Goobay set of 3 LED real wax candles in glass. Learn about specifications, operation, safety, and maintenance.
	goobay 77672/77673 Kabellose LED-Tischleuchte Bedienungsanleitung Umfassende Bedienungsanleitung für die goobay 77672/77673 kabellose LED-Tischleuchte. Erfahren Sie mehr über Installation, Bedienung, Wartung und Entsorgung.
	Goobay 60340 Glass Bell with Micro LED Light Chain - Decorative Ambient Lighting Discover the Goobay 60340 Glass Bell with Micro LED Light Chain. This user manual provides details on specifications, setup, safety, and disposal for this decorative USB-powered indoor light.

Documents - Goobay – 45241



[Goobay Soldering Accessories: Helping Hands, Stations, and Supplies](#)

Explore the Goobay range of soldering accessories, including versatile helping hands with magnifying lamps and flexible arms, soldering stations, circuit board holders, and essential soldering supplies like solder, flux, and cleaning tools. Ideal for DIY projects, electronics repair, and model making.

lang:de score:22 filesize: 2.25 M page_count: 16 document date: 2025-07-21

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: goobay			
Anschrift des Lieferanten: Customer Service, Pillmanstrasse 12, 38112 Braunschweig, DE			
Modellkennung: 45241			
Art der Lichtquelle:			
Vorvermonte Beleuchtungsanwendung:	LED	Ungelüftet oder gelüftet:	NEES
Art des Sockels der Lichtquelle (oder andere elektrische Schutzstelle)	DC Input oder Batterie		
Netzspannung/Flusslicht direkt an die Netzspannung angeschlossen:	NEES	Vom Netz Lichtquelle (EL):	Nein
Festlich abstrahlbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschicht:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Energieverbrauch im Ein-Zustand (W ₀ /1000 Hz auf die nächstgelegene ganze Zahl gerundet)	3	Energieeffizienzkategorie	F
Nutzleistung (W ₀) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (220°) oder in einem schmalen Kegel (60°) bezieht	280 in breiter Kegel (220°)	Ähnliche: Farbtemperatur, gerundet auf die nächstgelegene 100 K, außer: Spalten des einstellbaren Ähnlichen: Farbtemperatur, gerundet auf die nächstgelegene 100 K	6500
Leistungsaufnahme im Ein-Zustand (P ₀ in W)	3,0	Leistungsaufnahme im Betriebszustand (P ₀ in W, auf die zweite Dezimalstelle gerundet)	0,00
Leistungsaufnahme im vorinstallierten Betriebszustand (P ₀)	-	Faktorleistungsaufnahme auf die nächstgelegene ganze Zahl gerundet	80
Seite 1 / 1			

[pdf] Datasheet Accessories

Product data sheetSoldering Aid with LED Light Gooseneck Crocodile Clip Electronic accessories
wholesaler top brands Wentronic45241 DB EPRELwentronic media perfon product 45241 EPREL |||
Produktdatenblatt DELEGIERTE VERORDNUNG EU 2019/2015 DER KOMMISSION
zur Energieverbrauchskennzeichnung von Lichtquellen Name oder Handelsmarke
des Lieferanten: goobay Anschrift des Lieferanten: Customer Service, Pillmanstrasse
12, 38112 Braunschweig, DE Modellkennung: **45241** Art der Lichtquell...
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Spotlight on Precision
Soldering Accessories That Melt Hearts

Two new soldering aids, a third hand and a circuit board holder have joined the range of high-quality soldering stations, soldering irons and solder. Fully equipped with illuminated LED magnifier, gooseneck, soldering resin and soldering sponge, the new precision soldering aid is indispensable for all DIY projects. Soldering circuit boards, electronics repairs and modelling become easier than ever. Whether hobbyist or professional: the new soldering project is ready for all!

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Goobay Soldering Accessories: Precision Tools for DIY and Electronics

Discover the Goobay collection of high-quality soldering accessories, including soldering stations, irons, aids, and tools for precise electronics repair, DIY projects, and model making. Explore durable and efficient solutions from Wentronic GmbH.
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Precyzja w centrum uwagi
Rozgrzewające akcesoria do lutowania

Dwa nowe pomoce lutowania, trzeci rękojmi i uchwyt do płytek drukowanych dołączyły do gamy wysokiej jakości narzędzi lutowawczych. Idealnie wyposażone w oświetlone LED lupy, gooseneck, spieniny lutowawcze i spieniny lutowawcze, nowe akcesoria lutowawcze Wentronic są niezbędne dla wszystkich projektów DIY. Lutowanie płyt drukowanych, naprawy elektroniki i modelowanie stały się łatwiejsze niż kiedykolwiek. Niezależnie od tego, czy jesteś hobbyistą, czy profesjonalistą: nowa gama narzędzi lutowawczych jest gotowa do realizacji!

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Goobay Soldering Accessories and Tools | Precision for DIY & Professional Projects

Explore the comprehensive range of Goobay soldering accessories, including soldering aids, third hands, magnifying lamps, soldering stations, solder, cleaning tools, and desoldering pumps. Enhance your electronics projects with precision and ease.
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Ora disponibili da
wentronic





Precisione sotto i riflettori

Accessori per saldare che scalda il cuore

Due nuovi tavoli per saldare, una terza mano e un supporto per circuiti stampati, si sono aggiunti alla gamma di stazioni di saldatura, saldatori e stagno di alta qualità. Completamente equipaggiati con lenti d'ingrandimento a LED fluorescenti, colli e rasoio per saldare e spruzzo per saldare, i nuovi tavoli per saldare di alta qualità sono indispensabili per tutti i progetti fai-da-te. Saldare circuiti stampati, riparazioni di elettronica e modellismo diventa più facile che mai. Che si tratti di un hobbista o di un professionista, il prossimo progetto di saldatura è pronto a partire.

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[Goobay: Accessori per Saldatura di Precisione e Strumenti Fai-da-Te](#)

Scopri la gamma completa di accessori per saldatura Goobay, inclusi supporti per circuiti stampati, terze mani con lente d'ingrandimento, stazioni di saldatura, stagno, pompe dissaldanti e altro ancora per i tuoi progetti elettronici e hobbistici.

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Des maintenant chez
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Spotlight sur la précision

Accessoires de soudure pour fondre les cœurs

Deux nouveaux accessoires de soudure, une troisième main et un support de circuit imprimé, ont rejoint la gamme de stations de soudure, de fer à souder et de stagno de haute qualité. Entièrement équipés d'une loupe LED active, de colle de rasure, de stagno de soudure et d'une pompe de soudure, les nouveaux outils de haute qualité de la gamme Goobay sont indispensables pour tous les projets de bricolage. Le soudage des circuits imprimés, les réparations électroniques et la modélisme deviennent plus faciles qu jamais. Que l'on soit amateur ou professionnel, le prochain projet de soudure est prêt à démarrer !

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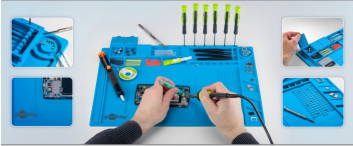
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[Goobay Soldering Accessories: Tools for Precision Work](#)

Explore the range of Goobay soldering accessories, including third hands, magnifying lamps, soldering stations, and cleaning tools, designed for precision electronics work, DIY projects, and hobbies.

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For filigree precision work

Here safety merges with quality

Whether hobbyist or professional - the next soldering project can start! We are now adding two product highlights to our range of high-quality soldering stations, third hands, soldering irons, solder and more. A soldering iron with 4 flexible gooseneck arms, which ensures a secure stand while working with the reduced metal base. Our range is rounded off by the active soldering iron, which is perfect as a base for precision work when soldering thanks to its raised edge, magnetic surface and anti-static and non-slip material.



Goobay
Analogue Soldering Station AP2, 48 W, Grey
Suitable for precision work on the hobby and craft sector.

- The soldering station with an integrated soldering iron stand is ideal for precision work on electronic and craft projects.
- The temperature is infinitely variable in a range from 150 to 350 °C via a control dial.
- The 48 W heat-up rate of the soldering iron thanks to its 48 W of capacity ensures a fast heating time and is suitable for operation.
- The protective insulated housing and a solder base provide a high level of safety when soldering.
- The 48 W heat-up rate allows for quick and uncomplicated changing of the soldering tip.
- Thanks to the flexible soldering springs the soldering tip can be held at any angle when soldering.
- One soldering tip with a diameter of 1.5 mm is included in the range of delivery.

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Whether hobbyist or ... y angle Integrated soldering iron holder, sponge and cleaning wool for cleaning the soldering tips **45241** Retail Box RRP 59.99 Wentronic GmbH Pillmannstrae 12 38112 Braunschweig Tel/Fax: 49...

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Jetzt erhältlich bei
wentronic



Für filigrane Präzisionsarbeit
Hier verschmilzt Sicherheit mit Qualität

Ob Bastler oder Profi - das nächste Lötprojekt kann starten! Unser Bestandssortiment aus hochwertigen Lötstationen, Präzisionshebern, Lötspitzen, Lötzangen und mehr, ergänzen wir ab sofort um zwei Produkt-
highlights: Eine Löthilfe mit 4 flexiblen Schwammhalter-Armen, die mit ihrem robusten Metallfuß für einen
sicheren Stand bei der Arbeit sorgt. Unser Angebot wird von der Silikon-Lötmatte abgerundet, die sich
durch erhöhten Rand, magnetische Fläche und einem antistatischen und rutschfesten Material perfekt
als Unterlage für Präzisionsarbeiten bewähren eignet.

Goodbay
Analoge Lötstation AP2, 48 W, grau

geeignet für Präzisionsarbeiten in Hobby- und Industriebereich

- Die Lötstation mit Lötspitzenhalter ist ideal für Präzisionsarbeiten im Hobbybereich und Industriebereich geeignet.
- Die Temperatur wird im Bereich von 150 bis 450 °C schritten über einen Schalter gewählt.
- Die präzise Aufheizung der Lötspitze dank einer Leistung von 48 W sorgt für kein Verschmelzen der Lötspitze.
- Die flexible Lötstation ist mit einem robusten Metallfuß für einen sicheren Stand ausgestattet.
- Die flexible Lötstation eignet sich für die Lötstation während der Arbeit.
- Die Lötstation ist mit einem Durchmesser von 1,5 mm für die Lötstation geeignet.

Hersteller: E. Pillmannstr. 12 | 38112 Braunschweig | Tel/Fax: +49 (0)531-21058-0 | 0531-21058-11
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Jetzt erhltlich bei Fr filigrane Przisionsarbeit Hier verschmilzt Sicherheit mit Qualitt Ob Bastler ... s jedem Winkel. Integrierter LtKolbenhalter, Schwamm und Reinigungswolle zum Subern der Ltspitzen. **45241** Retail Box UVP 59,99 Wentronic GmbH Pillmannstrae 12 38112 Braunschweig Tel/Fax: 49... lang:de **score:14** filesize: 3.11 M page_count: 11 document date: 2023-06-15

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Do filigranowych precyzyjnych prac
Bezpieczeństwo łączy się z jakością

Niezależnie od tego, czy hobbyista, czy profesjonalny - następny projekt lutowniczy może startować! Do naszego asortymentu uzupełniliśmy dotychczasowe o dwa nowe produkty: urządzenie pomocnicze do precyzyjnego i 4-kierowego chwytu oraz silikonową matkę precyzyjną, gwarantującą idealną podłogę pracy. Nasza oferta uzupełnia się również o wiele więcej, która dzięki profesjonalnemu zestawowi, integrującemu poszczególne aspekty precyzyjnego i profesjonalnego montażu, umożliwia precyzyjne prace lutownicze.

Goodbay
Analogowa stacja lutownicza AP2, 48 W, szara

idealna do precyzyjnych prac w zakresie hobby i przemysł

- Stacja lutownicza z regulacją temperatury jest idealna do precyzyjnych prac w elektronice i przemysłach, a także do precyzyjnych.
- Temperatura jest regulowana bezprzewodowo w zakresie od 150 do 450 °C w 10-stopniowych krokach.
- Stacja z regulacją temperatury dopływa do 48 W i zapewnia idealną pracę w elektronice i przemysłach.
- Stacja lutownicza posiada 4-kierowy chwyt i idealną precyzyjną, czystą pracę.
- Stacja lutownicza posiada 4-kierowy chwyt i idealną precyzyjną, czystą pracę.
- Stacja lutownicza posiada 4-kierowy chwyt i idealną precyzyjną, czystą pracę.
- Stacja lutownicza posiada 4-kierowy chwyt i idealną precyzyjną, czystą pracę.

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Ora disponibili da Per lavori di precisione in filigrana Qui la sicurezza si fonde con la
qualit Ch ... qualsiasi angolazione. Porta saldatore integrato, spugna e lana per pulire
le punte di saldatura. **45241** Retail Box RRP 59,99 Wentronic GmbH Pillmannstrae 12
38112 Braunschweig Tel/Fax: 49...

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Ds maintenant chez Pour un travail de prcision en filigrane La scurit et la qualit se fondent ici Q ... Support de fer souder intgr, ponge et laine de nettoyage pour nettoyer les pannes de fer souder. **45241** Retail Box Prix TTC 59,99 Wentronic GmbH Pillmannstrae 12 38112 Braunschweig Tel/Fax:...

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LIEFERPROGRAMM 2019 TV SAT AUDIO / VIDEO TAB PHONE NOTEBOOK PC
NETZWERK LICHT STROM WERKSTATT ... ung von Bauteilen mit Lötzinn

Schwanenhals der Lampe: 265 mm Schwanenhals der Krokodilklemme: 250 mm
45241 Retail Box Fixpoint Gasltkolben Set fr Feuerzeuggas ermnglicht Ltarbeiten
 unabnhngig von festen...

lang:de score:10 filesize: 31.28 M page count: 652 document date: 2020-03-17

