

ENGEL

Bedienungsanweisung
Operating instructions
Instructions de service



ENGEL-LÖTER S 50
ENGEL-SOLDERING GUN S 50
APPAREIL A SOUDER ENGEL S 50

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We hope you enjoy your ENGEL Soldering Gun and kindly ask you to read the following important information before you use the tool.

Attention

Please be very careful when working with the tool to prevent accidents such as burning yourself or your surroundings.

Never touch the tip when the switch is pressed down.

Do not lay against any surface after using until the tip is cooled down.

Always unplug tool when not being used.

Operation

1. Assembly

A cover serves to insulate the soldering tip terminals and to support the lighting unit.

If it is required to light the soldering point, either one or two of the supplied lighting units can be fitted optionally in the cover.

a) Slide the lighting unit into the grooves on the cover.

b) Slacken the clamping screws on the head section of the soldering unit.

c) Slide the cover either with or without the lighting unit onto the soldering tip support.

d) Insert a long-life soldering tip until the ceramic collar of the soldering tip is centered.

e) Tighten the clamping screws.

2. The connection voltage for the tool is specified on the nameplate.

3. The ENGEL soldering gun is switched on by pressing the switch lever (refer to power-on indicator lamp).

It takes 11 seconds for the soldering unit to reach the correct temperature. It is best to check that the correct temperature has been reached by bringing the soldering tip into contact with the solder.

Hold the soldering tip on the soldering point and place a little solder between the soldering tip and workpiece in order to improve heat transfer.

After heating, add further solder to the soldering point.

When the solder is well distributed, remove the soldering tip and switch off the soldering unit. You will now have a perfect, shiny solder connection.

4. The long-life soldering tip is protected against wear and oxidation. On no account must it be reworked (e. g. using a file etc.).

5. The soldering tip may be cleaned with a viscose sponge or cloth while still warm.

6. We recommend the use of soft solder L-Sn 60 Pb with flux core F-SW 26 in accordance with DIN 8511, maximum 1.5 mm \varnothing , available from specialist retailers.

Explanation referring to the label on the tool

Do not hold the tool in „ON“ position continuously, to prevent abnormal high tip temperature. Allow the tip to cool down during operation.

The indication 12s/48s means the following. After 24 seconds of heating respectively working with the tool it shall cool down for 48 seconds,

SPAREPARTS

Long-life soldering tip, type B50D,
for soldering work up to 2.5 mm²



Long-life soldering tip, type B50G,
for soldering work up to 6 mm²



Long-life soldering tip, type B50H,
for precision soldering work.



GUARANTEE CERTIFICATE

ENGEL warrant this appliance (with exception of the soldering tip) for a period of one year commencing with the date of first sale to the end user. The guarantee is given against defects in material and workmanship. It is voided by improper operation, disassembly, repair or alteration by owner or unauthorized third parties.