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# CNCGLASS | Product Catalog

## Thermal Cutter — CNC02 / CNC01 / Heavy Duty Pro250

English · Commercial Product Catalog

CNCGLASS | www.cncglass.com

**CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA**

Peter Lin | cnc@cncGlass.com | WhatsApp/Mobile +86 15013829504 | WeChat: wecan365

## Thermal Cutter

*to clean overflowed EVA, PVB, SGP and other interlayer remains from laminated glass edges.*



## Application:

When making laminated glass with EVA interlayer film (or PVB / SGP interlayer), some overflowed interlayer remains may appear on the glass edges after heating in the oven. The Thermal Cutter is a handheld tool designed to clean these overflowed remains easily and effectively.

## HOW DOES IT WORK:

The blade of the Thermal Cutter can reach up to 500℃ within seconds. It trims overflowed interlayer remains not by force or sharpness, but by ultra-high-temperature heat (500℃). Whether the interlayer is EVA, PVB, or SGP, the Thermal Cutter can clean effectively in all situations.

## Differences between CNC02 and CNC01:

- CNC02 is designed for continuous operation with an air-cooling system, while CNC01 is for intermittent operation. With CNC01, you need to release the button intermittently after short heating periods so the blade does not overheat.
- CNC02 can trim edges with minimal smoke and no burned marks.
- CNC02 is lighter at only 610 g and easier to hold, while CNC01 weighs 950 g.
- CNC02 offers adjustable maximum temperature with 16 settings. You do not need to bring the blade up to 500℃ every time; you can set a lower maximum (for example about 300℃) if that is hot enough to trim interlayer remains. This prolongs the lifetime of the blades and the cutter itself, and helps save cost.

## HOW TO ORDER:

**1.** Decide the quantity of thermal cutters and blades, and which plug suits your local voltage.

CE Standard: AC 230V/50Hz

US Standard: AC 120V/60Hz

**2.** We send you the proforma invoice.

**3.** You make the payment and send us the payment copy for us to check.

**4.** We send the goods immediately once payment is received and keep you updated on the shipping status.

## Heavy Duty Heat Cutter: 10 Hours Pro250

**1.** Suitable for heavy-duty operation and longer continuous cutting (about 10 hours).

**2.** With a separated power supply, the handheld unit weighs only 250 g and stays cool at the handle;

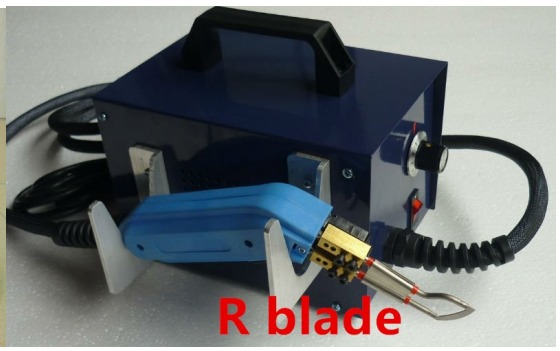
**3.** Built with high-quality power electronics, the heavy-duty cutter has a stand-by temperature; the blade is pre-heated when the unit is turned on, allowing quicker operation;

**4.** Compatible with all listed popular blades for glass interlayer trimming: 3.2, 4.2, 11.2, 14.2, R blade, and F blade;










**HEAVY DUTY THERMAL CUTTER PRO250: Please contact cnc@cncglass.com for pricing.**

**F BLADE: Please contact cnc@cncglass.com for pricing.**

**R BLADE: Please contact cnc@cncglass.com for pricing.**

If you want to order, please simply send us an email:

Peter Lin

cnc@cncGlass.com

WhatsApp: +86 15013829504

WeChat: wecan365

Mobile: +86 15013829504

www.cncglass.com

## Warning:

The blades (3.2, 4.2, 11.2, 14.2) for CNC02 Continuously Working cannot be used in CNC01 Intermittently Working.

The blades (3.1, 4.1, 11.1, 14.1) for CNC01 Intermittently Working cannot be used in CNC02 Continuously Working.

Even though they look the same, they differ in composition percentage.

## PAYMENT INFO:

BANK NAME: HSBC Hong Kong

BANK ADDRESS: 1 Queen's Road, Central, Hong Kong

BANK WEBSITE: www.hsbc.com.hk

SWIFT CODE: HSBC HKH HHKH

BENEFICIARY: CNC Ucolin Interlayer Technology Co., Ltd.

BENEFICIARY'S ACCOUNT NO.: 817 665185 838

PayPal Account: cnc@cncglass.com

## What Others Are Saying about Us:

| | |
|---|---|
| *Review from clients* | *Good Morning Peter,*<br>*Sorry about the delay in getting this info to you, the thermal cutters are working very well, we are very happy with them.*<br>*I am sure we will be ordering more from you over the coming year so thank you for all your help on this matter. Regards Be in touch soon* |
| *Review from clients* | *Peter, The Thermal Cutters were received 10/9, in the afternoon. I have already used them and they work great. Much better than the method I was using before.* |
| *Review from clients* | *Dear Olivia, My people are very happy with the cutting tool.* |
| *Review from clients* | *Peter, Yes, we received the cutters. We have already been using them and they work very nicely.Thank you for your help.* |
| *Review from clients* | *Dear Olivia, We have good result with EVA thermal cutter, my colleague will contact you to place new order.* |
| *Review from* | Peter, the cutter works good on small pieces of SGP laminated glass. |

| | |
|---|---|
| *clients* | |
| *Review from clients* | Hi Peter, The cutter works great.. I want to order another one. same order. I will send funds paypal,Thanks, |
| *Review from clients* | Good morning, Peter.  The heat guns are working out quite well for us.  We'd like to order 1 more for backup.  Can you set this up for us? |

## Operating Instructions for

## THERMAL CUTTER CNC02 — CONTINUOUSLY WORKING:

- Please read these instructions carefully before operation.
- Take special care with the safety prompts in these instructions to avoid injury to yourself, other people, or objects.
- Please follow the guidelines in these instructions to avoid damage to the tool.

## Specification:

- INPUT: 230 V or 120 V, depending on the plug type you purchased
- OUTPUT: Max. 100 Watts
- Continuous operation is supported
- WEIGHT: 450 g
- BODY LENGTH: 290 mm
- Max TEMPERATURE: 400℃

## Basic Kit

1. Thermal Cutter Handle × 1
2. Wire brush × 1
3. Special spanner × 1
4. Tool box × 1
5. Blades × depending on the quantity you ordered

## Introduction:

CNC02 Continuously Working Thermal Cutter is a professional-grade hot cutting tool for cleaning laminated glass edge remains of EVA film, PVB film, and SGP film. The CNC02 Thermal Cutter heats up in seconds and gives the operator temperature control.

## Blade Installation:

1. Always unplug the power cord of the CNC02 Thermal Cutter before installing or removing blades. Allow sufficient

cooling time for blades, blade holders, and mounting screws before handling.

2. Loosen the screws on the blade holders with the wrench.
3. Slide the blade under the square pressure plates until snug.
4. Securely tighten the screws to ensure a proper electrical connection. Do not over-tighten.
5. Once the blade is firmly in place, plug the thermal cutter into a standard 230 V or 120 V power supply, depending on the plug of the cutter you purchased.
6. The temperature control knob has 16 click settings that correspond to the graduated ridges on the surface. The smaller the ridge, the lower the power setting.
7. Blades type 3.1, type 4.1, type 11.1, and type 14.1 CANNOT be used on the CNC02 Thermal Cutter. Only blades type 3.2, type 4.2, type 11.2, and type 14.2 are designed for the CNC02 Thermal Cutter.

## Operation:

Set the temperature control knob to a mid-range setting, place the blade against the edge of the laminated glass, and depress the trigger. Optimum cutting should be virtually smoke-free.



- The blades of the CNC02 Thermal Cutter have a sharpened razor edge; for the cleanest cut, always cut in the direction of the sharpened edge.
- Excessive power output and heat generation may cause the blade holders to overheat and damage the unit. Use only the power output needed for proper cutting. The blade does not need to be red-hot to cut interlayer remains.

## *NOTES:*

For best results, practice on scrap pieces of laminated glass.

It is best to keep temperature and speed consistent. If smoke develops during the cut, you are cutting too slowly or the blade is too hot, which can result in an uneven cut. Remedy this by lowering the temperature and intermittently releasing the trigger during the cut. As cutting resistance increases, depress the trigger again. The thermal cutter will reach the set temperature within seconds. You can complete the cut with minimal smoke using this process. Cutting in this manner will also prolong the life of the thermal cutter.

Releasing the trigger approximately one or two inches before the end of the cut will help keep the blade clean and free

from buildup.

## Cautions:

- Always operate the thermal cutter in a well-ventilated space.
- Never burn off excess residue on the thermal cutter blade. The blades will overheat, warping the blade and potentially overheating the thermal cutter.
- Only operate the thermal cutter when it is in contact with the insulation board.
- Keep hot blades away from skin, clothing, and other flammable materials.
- Allow blades to cool before handling. A hot blade may cause injury or burns to exposed surfaces.

## Maintenance:

Constant use of the thermal cutter may result in material buildup on the blades and brass holders. This excess material interferes with the proper electrical connection and impairs blade performance. The brass blade holders and blades can be thoroughly cleaned with a wire brush.

## Contact us if you need any help:

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