

ilucid®

PRODUCT CATALOGUE

DISPOSABLE MICROTOME BLADES



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Shanghai Tongbai Healthcare Technology Co., Ltd

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OUR MISSION

We aim to become a manufacturer and supplier of medical laboratory technology solutions, focusing on pathological laboratory diagnostics.

OUR VISION

We are a hub of the most professional services. Our customers and partners whole-heartily recommend us. Balab is a well-established brand. High business growth.

OUR VALUES

We advocate continuous innovation.

Curiosity stimulates us to continuously learn and extend our competencies. Fairness, professionalism and reliability are our code of conduct.

We are aware of our responsibility towards our environment and the society Eco.



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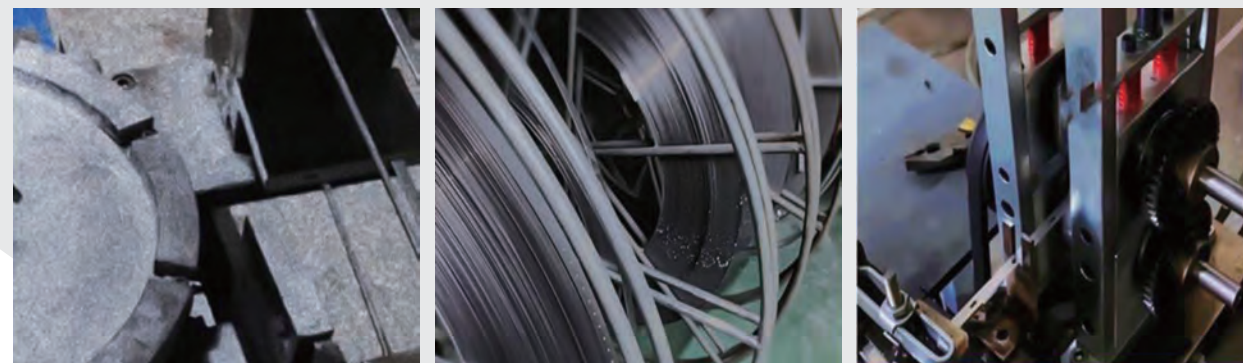
ABOUT US

Shanghai Tongbai Technology Co, It is a Chinese microtome blades manufacturer, The microtome blades meets the needs of top laboratories. The microtome blades manufacturing techniques inherited the European technology in the 1990s, and have been undated and innovated in China in the past ten years.

Through continuous innovation, we pioneered the cutting edge grinding angle and composite coating technology using calculus formulas, and the blades integrated with multiple processes based on materials science and mechanics. The slices cut out to meet the professional standard of microscopic morphological analysis under the microscope of pathologists.

We launched the ilucid series microtome blades in 2018. it has good cutting force and stability, higher cost performance.

In the past 5 years, our products have been gaining momentum in the global market, and our blades have won trust and loyalty from our clients all over the world.



CERTIFICATE

- CE
- FDA
- ISO 13485
- ISO 9001
- NATORIAL



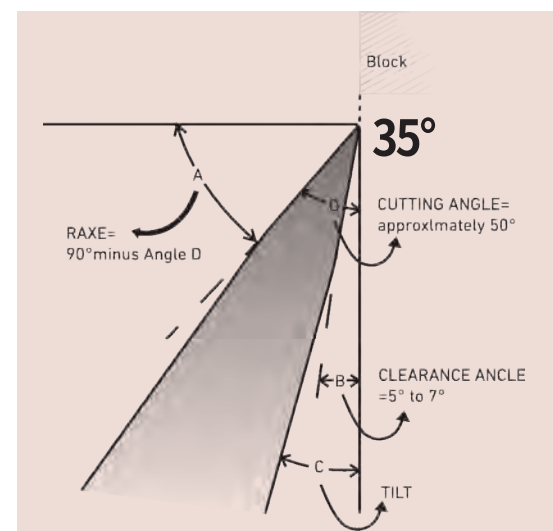
PRECISION ILUCID MICROTOME BLADES

Ilucid microtome blades durability and consistency are very important.

Positive customer reviews on the ilucid microtome blades include blade longevity, ease of starting and maintaining ribbons, low compression, section consistency from

one cut to the next, consistency of cutting from blade to blade.

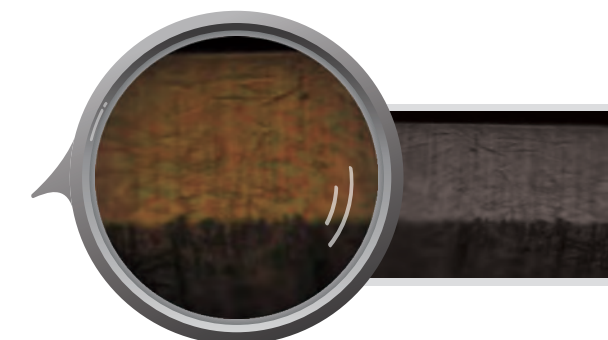
Microtome blades are machined to produce an edge and tip geometry that have proven over a time to result in good cutting performance. A coating is imparted on the steel blade to improved the cutting performance.



Edge sharpeners is actually the degree to which a cutting blade can be machined to a precise & distinct point. This point must be maintained in a straight line across the full length of the blade edge.

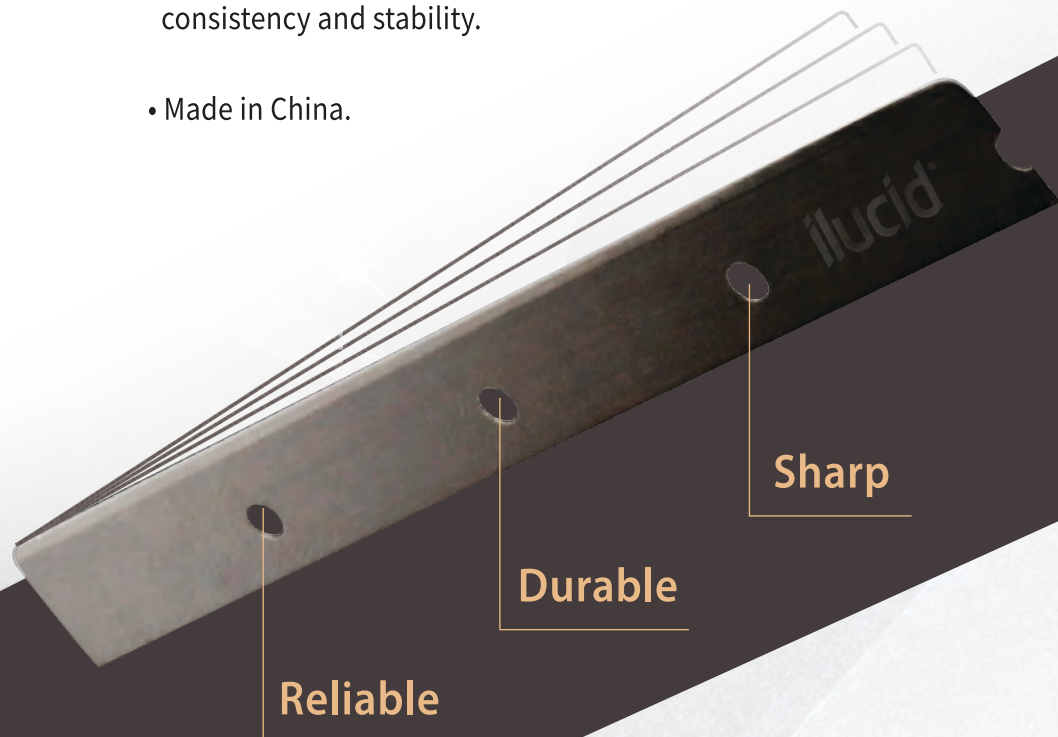


The knife edge is magnified 1000 times under a high-power electron microscope.



SPECIFICATIONS

- Three-faceted cutting edge for optimal sharpness.
- Coated with a teflon technology formula, stable thickness to improve the life of the blade and smoothness over multiple cuts.
- Ideal for sectioning of both hard and soft tissue. Excellent consistency and stability.
- Made in China.



Microtome Blades low Profile



CN80

Blade Material: 6cr13 stainless steel belt

Blade Size: 80×8×0.25(mm)

Blade Point Angle: 35°

Advantage:

1. Moderate slice thickness.
2. Suitable for all tissues, especially for hard tissues.

Microtome Blades low Profile



CR75

Blade Material: 6cr13 stainless steel belt

Blade Size: 80×8×0.25(mm)

Blade Point Angle: 35°

Advantage:

1. Suitable for thin cutting of tissue with uniform density.
2. Under the same conditions, the slice thickness is thinner.

Microtome Blades High Profile



CW75

Blade Material: 6cr13 stainless steel belt

Blade Size: 80×14×0.32(mm)

Blade Point Angle: 35°

Advantage:

1. Suitable for hard tissue
2. Matching knife holder on all microtomes.

The field application performance SUMMARY

The general tissue paraffin block including hard tissue paraffin block.

Comparison table with other brands	Ilucid	Brand I	Brand II
Sharpness	Excellent	Excellent	Excellent
Durability	48 Paraffin Blocks/blade	55 Paraffin Blocks/blade	50 Paraffin Blocks/blade

ATTENTION To The Initial Blade Test

- 1.Recommended knife holder angle 5~6 degrees, Deviation of 5~6 degrees. not suitable for testing, please adjust to 5~6 degrees.
- 2.Please adjust the slice thickness to 3 micronmeter - 5 micronmeter. If you need a thinner slice such as 2 microns, wait for the machine and the blade to adapt to each other for a period of time before adjusting to 2 micrometers.

Knife holder angle 5~6 degrees

Clinical Practical Case

The microtome blades for pathological slicers developed and produced by Shanghai Tongbai Health Technology Co., Ltd. The blades are used in the pathology laboratory of Shanghai Top Hospital and are summarized as follows:

Number of test blades:2000boxes.

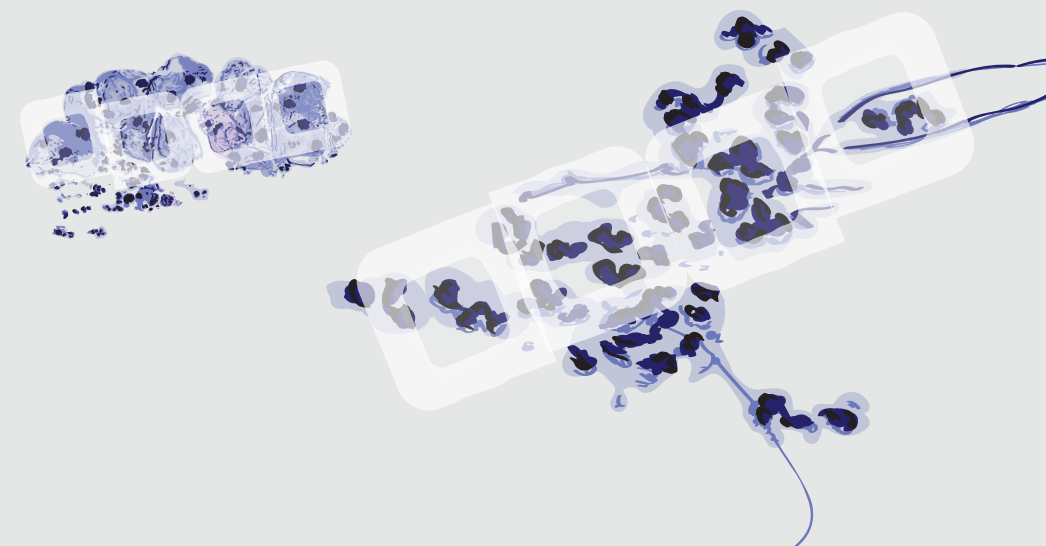
- 1.2000 boxes of blades are randomly selected for testing (models CR75 and CN80).
- 2.About 1800 boxes microtome blades for three-year long-term use (models CR75 and CN80).

Test indicators: sharpness, durability, observation under a microscope.



Products	Microtome blades
Observation under a microscope	One level
Sharpness	Excellent, sliced flat, ribbons
Durability	Excellent, one knife can cut 50-80 regular wax blocks.
Knife hold angle	5~6 degrees

Conclusion: It meets the daily use requirements of the blade.



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Microtome Blades



Proudly made in China

A large graphic with a dark background featuring a starry pattern and a network of white lines. In the center, there is a small inset image of two people shaking hands. At the bottom, there is a faint, stylized globe. The text is centered in a bold, orange font.

**Do you
want to be
a part of
OUR GLOBAL
DISTRIBUTION
NETWORK?**