



Main technical parameters:

|                          |                                                |
|--------------------------|------------------------------------------------|
| Model                    | GTQ-5000B High speed precision cutting machine |
| Feed speed               | 0.01~3mm/S (Adjustment step is 0.01mm)         |
| Cutting blade speed      | 500~5000r/min                                  |
| Maximum cutting diameter | φ60mm                                          |
| Y-axis maximum travel    | 200mm                                          |
| Cutting piece size       | 200×1×32mm                                     |
| Cutting power            | 1000W                                          |
| Input power              | 1.5kW                                          |
| Power supply             | 220V 50HZ                                      |
| Overall dimensions       | 820×735×435mm (Length×Width×Height)            |
| Weight                   | 105kg                                          |

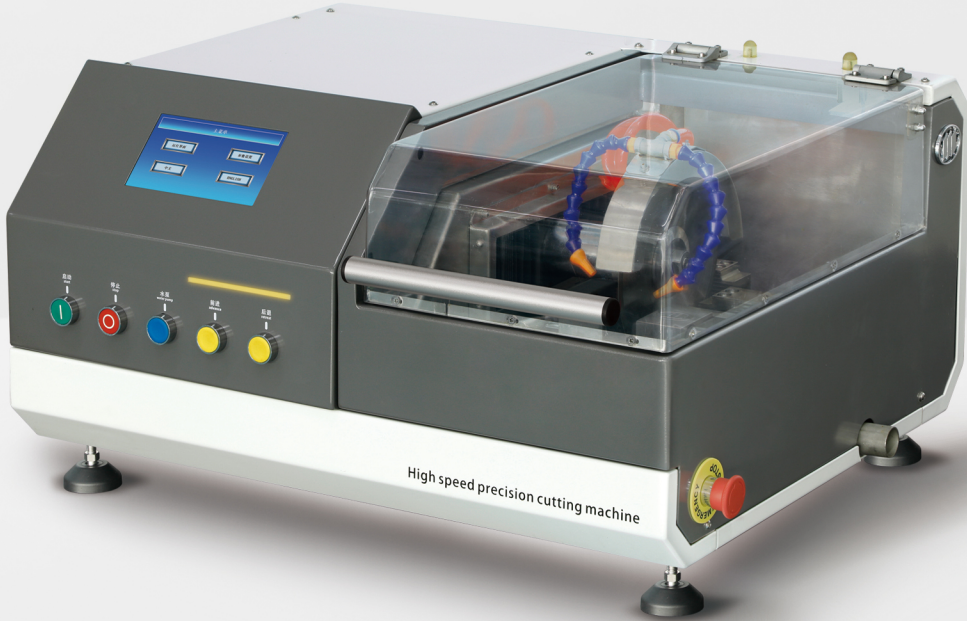
**Aptex Ltd**  
Add.: Patrick Farm Barns, Unit 8  
Meriden Road, Hampton-in-Arden  
Solihull, West Midlands. B92 0LT  
Web: [www.aptex.co.uk](http://www.aptex.co.uk)  
E-mail: [websales@aptexgroup.com](mailto:websales@aptexgroup.com)  
Tel.: 01564 206393

Contact detail



**Aptex cutting machine is more suitable  
for users who pursue high quality**

Like us, users are well aware of the importance of product quality.



GTQ-5000B  
High speed precision cutting machine

## GTQ-5000B High speed precision cutting machine

## Good products make every use a pleasure!

Leading brand of metallographic cutting machines.



### Applies to:

Precise and deformation-free cutting of metals, electronic components, ceramic materials, crystals, carbides, rock samples, mineral samples, concrete, organic materials, biological materials (teeth, bones) and other materials.

### 1.Touch screen

Touch screen makes operation more user-friendly. Simple system, easy to operate and easier to use.

### 2.Wide opening and closing panoramic transparent cover

The new GTQ-5000B adopts a panoramic transparent cutting chamber cover. Compared with the old model, it has a larger transparent area, more viewing angles, and a larger opening angle, making it easier to observe the cutting working status and operation.

### 3.Quick clamp

Equipped with a quick clamp, the clamp position can be adjusted according to the size of the sample, the sample can be fixed in the most convenient way, and the sample can also be removed quickly.

### 4.Stainless steel cutting chamber

The cutting chamber is made of stainless steel, which has strong anti-rust ability. To a certain extent, it can extend the service life of the cutting machine and keep the interior of the cutting chamber clean and tidy.

### 5.Cutting room lighting

The cutting room is equipped with an angle-adjustable lighting lamp. The position of the lighting lamp can be adjusted according to the cutting work requirements to make the cutting room brighter and more convenient to observe the cutting status.

### 6.Cutting machine operation status reminder

When the cutting machine enters the working state, you can observe whether the main shaft, feed shaft and cleaning pump are working normally through the operation interface, and there are color-changing blocks for reminder.

### 7.Universally adjustable cooling water pipe

The original fixed cooling water pipe is changed to a universal adjustable water pipe. The position of the cooling water pipe can be adjusted according to the shape, size and cutting position of the workpiece to enhance the cooling effect.

### 8.Real-time work data

During the cutting process, the screen operation interface displays the cutting data in real time, such as spindle speed, cutting stroke, spindle current, and cutting progress bar. It can not only observe the cutting progress status, but also promptly detect whether there is any abnormality in the operation.

### 9.Dual operation mode

The cutting machine can be started, stopped, moved forward and backward by touch screen or physical buttons. Two operation modes are suitable for different operating environments and provide more security.

### 10.Inching tool setting

The front and rear positions of the cutting blade can be controlled by jogging, and the speed of each jogging can be set in detail to avoid accidents of hitting the workpiece during tool setting and reduce non-cutting time.