

MANUFACTURER OF  
3 AXIS / 4 AXIS / 5 AXIS  
CNC MICRO-MILLING &  
ENGRAVING MACHINES



# PreciCUT 3DCNC ENGRAVER

| Description                  | NGK-DE-3030 LITE                                      |
|------------------------------|---|
| Working Area-(X) x (Y) x (Z) | 300 (X) X 300 (Y) X 100 (Z)                           |
| Table Size- Clamping Area    | 300 (X) X 300 (Y)                                     |
| Engraving Speed              | 2000 mm/min   |
| Rapid Speed                  | 3000 mm/min   |
| Spindle Speed                | 24000 RPM   |
| Spindle Power                | 2.2 KW  |
| Maximum Tool Diameter        | 6 mm (Non-Ferrous Material)<br>4mm (Ferrous Material) |
| Guide System                 | Linear Motion Guide                                   |
| Drive System                 | Ball Screw  |
| Motor / Drive                | Stepper Motor & Drive                                 |
| Controller                   | (DSP) Digital Signal Processor                        |
| USB Connectivity             | YES   |
| Machine Self Zero            | YES   |
| User Work Zero (G54)         | YES   |
| Auto Spindle On/Off          | YES   |
| Tool Break Point Resume      | YES   |
| Power Resume Function        | YES   |
| NC File Format               | ISO G-Code (Standard)                                 |
| Accuracy                     | 0.025mm   |
| Feeding Height               | 150 mm (Customisable)                                 |

### Quality, Durability & Consistency...



|                         |                    |
|-------------------------|--------------------|
| Safe Weight on Table    | 50 Kg              |
| Weight of Machine       | 150 Kg             |
| Floor Space - L x D x H | 600 X 815 X 850 mm |

### Standard Accessories

|                               |       |
|-------------------------------|-------|
| Engraving Tool                | 1 Nos |
| Spanner (Required Sizes Only) | 2 Nos |
| USB Pen Drive                 | 1 Nos |
| Collet (3mm)                  | 1 Nos |

### Optional Accessories

- 2" (Width) x 3" (Opening) Precision Vice
- Rotary Axis / 4th Axis
- Suitable Voltage Stabilizer / UPS
- CAD / CAM Software As Per Requirement
- Tool Grinder (Taiwan Make) (Training Included @ Our Works)

# Unit not specified are in millimeters



## Showcase



### ...exploring creativity

N-Gravetek manufactures 3-axis, 4-axis & 5-axis CNC Engraving & Micro-Milling Machines. Founded in 2008 in a small rented apartment of 700 sq. ft. in heart of Nashik city; we have now grown to a 10000 sq. ft. premises located in Satpur MIDC.

With over 400+ installations all over India, we have wide range of products and services with unmatched industry expertise to enable our customers meet their challenges in 3-axis, 4-axis and 5-axis applications. Our Micro-Milling & Engraving Machines are most suitable for molds which require work with high precision.

We have a dedicated demonstration centre at which our engineers not only demonstrate the various possibilities of our Engraving & Micro Milling solutions but also emphasize on demonstrating as per customer need.

A talented and dedicated team is what helps N-Gravetek remain committed to providing the best pre and post sales service support for our customers.

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