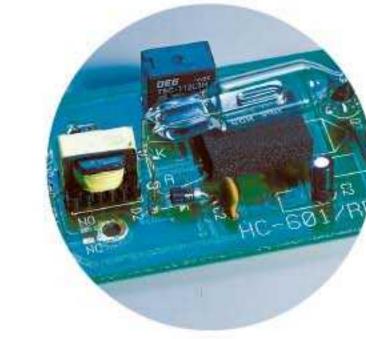
Optional Items



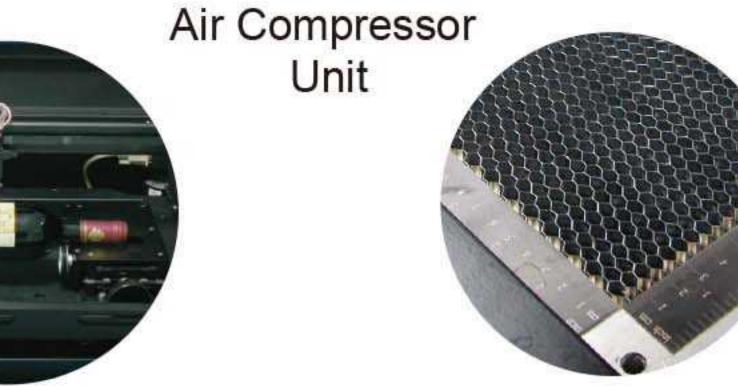




SmartGUARDTM Fire Alarm (Patented)









265016560G(05)

Fume Extraction System

Rotary Attachment

Honeycomb Table

SmartTRAYTM

Fume Extraction System	Rotary Attachment	Honeycomb Table	Smartikayım
Specification		C180II	
Work Area	458 x 305 mm (18 x 12 in.)		
Max. Part Size (L x W x H)	503 x 310 x 152.4 mm (19.8 x 12.2 x 6 in.)		
Dimensions (W x D x H)	780 x 740 x 410 mm (30.7 x 29.1 x 16.1 in.)		
Laser Source	12 to 40 Watt Sealed CO ₂ Laser		
Cooling	Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)		
Drive	Closed-loop DC Servo Control		
Maximum Motor Speed	40 IPS		
Speed Control	Adjustable from 0.1-100% (Up to 16 color-linked speed settings per job)		
Power Control	Adjustable from 0-100% (Up to 16 color-linked power settings per job)		
Engraving Capability	256-level gray scale image processing capability		
Distance Accuracy	0.254 mm or 0.1% of move, whichever is greater		
Z-Axis Movement	Automatic		
Focus Lens	Standard 2.0", optional 1.5" available		
Resolution (DPI)	Avail	able 125, 250, 300, 380, 500, 6	00, 760, 1000
Interface	10 Base-T Ethernet USB Type-A 2.0 ——— – For USB storage (Max. 32GB capacity, FAT file system) USB Type-B 2.0 — For connecting with the computer		
Compatible Operating Systems		MS Windows	
Display Panel	4-line LCD display showing current file name, total working time, laser power, engraving speed, file(s) loaded into memory buffer, setup and diagnostic menus		
Safety	Class I Laser Product Compliant with EN60825, Class II Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance		
Operation Voltage	100-2	40VAC, 50-60Hz Auto Switch	ing, Max. 15A
Fume Extraction System	External exhaust system with minimum flow rate 215m³/h (CFM 125 ft³/min) is required, 10kPA negative pressure (Purex GCC 400 @ 2"& 4" exhaust port)		
		2 929 B28 B28 B2 12 12 12 12 12 12 12 12 12 12 12 12 12	

^{*} Speed is not equal to throughput. See dealer or visit www.GCCworld.com for more details.

^{***} Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.









Authorized Dealer













Academic Representative



GCC China

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1-909-718-0248 Fax: 1-909-718-0251 US & Canada Only Toll Free: 1-888-284-5211



Laser Engraver

Perfection Inside Out

Unmatched Performance Delivered in Style



- Spacious 458 x 305 mm (18 x 12 in.) working area
- Closed-loop DC servo motor for accurate and rapid movement
- TrueImage innovation produces exceptional engraving quality
- 30W cuts through 10 mm thick acrylic with a single pass
- Intuitive Drag-N-Engrave feature
- Prestored parameters setting database by meterial
- Side cover open for easier maintenance access
- Smart vacuum adjustment for top and bottom ventilation
- Extended Z clearance up to 6" material part size

Academic Representative



www.TECedu.com | 800-338-2238 info@TECedu.com

^{*} The flow rate is determined by a default fume extraction system; the flow rate may vary due to a different fume extraction system.

 $[\]Delta$ Specifications are subject to change without prior notice.





Laser Engraver

GCC LaserPro C180II



GCC LaserPro C180II

The C180II is designed to provide an enjoyable engraving experience. Underneath the stylish exterior is a full 18" x 12" (458 x 305 mm) working area. Engraving depth can be easily extended from the normal 4 inches to 6 inches in less than a minute. The C180II is an all purpose laser engraving system that delivers spectacular engraving and cutting results and makes every job a pleasant working experience.

Closed-loop DC Servo Motor and Reliable Motion System

The C180II utilizes high performance Closed-loop DC servo motors for precise and fast carriage movement combined with a reliable motion system to produce exceptionally accurate outputs.





SmartPIN AutoFocus (Patented)

The plug and play probe design makes focusing a one-touch process and provides the accuracy and precision required for optimum quality even on transparent materials.

Simple and Intuitive Control Panel

A user-friendly menu-driven interface system simplifies operation. Hot keys design and job status display facilitates your work and makes it clear and easy to carry out.





Built-in SmartBOX™

The built-in SmartBOXTM feature produces a downward pulling force to keep light items in place creating a stable working environment.

Internal LED Lighting

Internal LED lighting illuminates the working space giving a clear view of the work in progress. Big red button located on the top of the machine allows operators to stop the laser and the motion carriage immediately to provide highly safety operation.





SmartCENTERTM (Patented)

The super user-friendly SmartCENTERTM function helps end users to easily and automatically locate the center point of objects of any shape vastly eliminating tedious setup time.

Drag-N-Play

The "Drag-N-Play" feature greatly reduces complex set up procedures and allows users to directly drag the lens carriage to the starting point of a job.



HomWithRelation	out Home	
O Cent		SmartCenter
Use	The Start Po	oint
X:	0.00	mm
Y-	0.00	mm

Programmable Origin Modes

Easy to use position modes allow the operator an effortless way to setup a job. Repetitive workflows can be drastically simplified by relocating the origin position to any desired location.