

# **C180 II**

## **LASER ENGRAVER**



[www.digitalstarq.com](http://www.digitalstarq.com)

**UNMATCHED  
PERFORMANCE  
DELIVERED IN STYLE**

# Source of Digital Solutions...

Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels

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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.

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



### RoHS COMPLIANCE

All GCC products are RoHS-compliant (the European Parliament Directive 2002/ 95/ EC, Restriction of Hazardous Substances) and lead-free (pb free). GCC will continue to concern and provide environmentally friendly products to protect the earth for our further generation.



### CLOSED-LOOP DC SERVO MOTOR

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



### SIMPLE AND INTUITIVE CONTROL PANEL

TA 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.



### 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



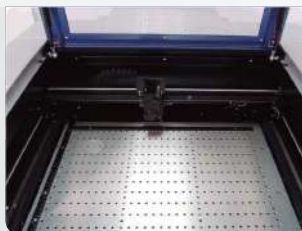
### DRAG-N-PLAY

An exceptionally innovative and user-friendly feature based on servomotor technology simplifies operations and shortens setup time. Simply hand drag the lens carriage to the desired position to be engraved and press the start button to commence job.



### 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



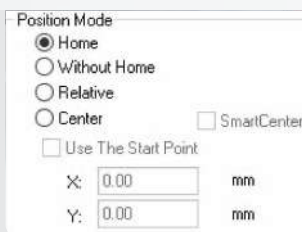
### BUILT-IN SMARTBOX™

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



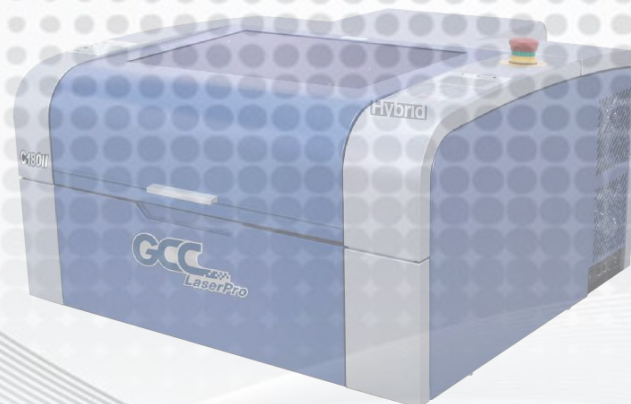
### SMARTCENTER™ (PATENTED)

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



### 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.



# PRODUCT OUTPUT



PRODUCT OVERVIEW

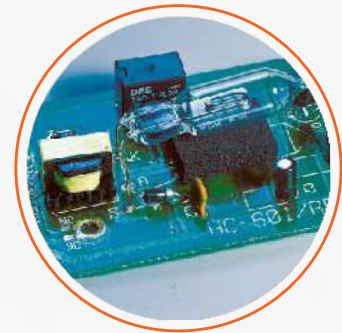
OPTIONAL ITEMS



SMARTPRINT™



AIR COMPRESSOR



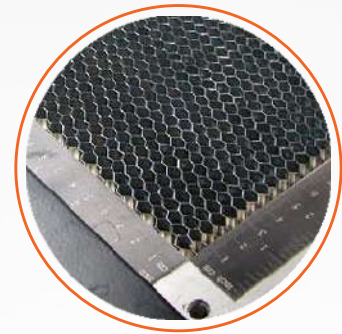
SMARTGUARD™  
FIRE ALARM



ROTARY  
ATTACHMENT



PUREX FUME  
EXTRACTION SYSTEM





HONEYCOMB  
TABLE



SMARTTRAY™

**MODEL: GCC LASER PRO C1800 II**

Model No	C180II
Work Area	18 in. x12 in. (458 mm x 305 mm)
Max. Part Size (L x W x H)	19.8 x 12.2 x 6 in. (503 x 310 x 155 mm)
Table Size	20.4 in. x14.7 in. (520 mm x 375 mm)
Dimensions	30.7 x 29.1 x 16.1 in. (780 x 740 x 410 mm)
Laser Source	12 to 40 Watt Sealed CO2 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)	Available 125, 250, 300, 380, 500, 600, 760, 1000
Interface	<ul style="list-style-type: none"> <li>• 10 Base-T Ethernet</li> <li>• USB Type-A 2.0 </li> <li>(Max. 32GB capacity, FAT file system)</li> <li>• USB Type-B 2.0 </li> </ul>



**SPECIFICATION**

	For connecting with the computer
Operating Systems	MS Windows
Display Panel	4-line LCD panel 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

**FACILITY REQUIREMENTS**

Operation Input	100-240VAC, 50-60Hz Auto Switching, Max. 15A
Fume Extraction System	External exhaust system with minimum flow rate rate 215m3/h (CFM 125 ft/h) is required, 10kPA negative pressure (Purex GCC 400 @ 2" & 4" exhaust port)



1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details: -Bank Name: Qatar Islamic Bank  
Branch: Al Khour Branch  
Beneficiary Name: Digital Star Qatar  
Acc #: (0111453200015)  
Swift Code: (QISB - QAQA)  
IBAN: QA16QISB000000000111453200015.
4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of lodging, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical & civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. Warranty will be of 12 months from date of installation from Digital Star Qatar. Wear & tear, consumables are exempted and warranty can be claimed only if you use the services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.

# TERMS & CONDITIONS

11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Quotation will be valid for 7 days from here on.
13. Delivery: As mentioned in quotation



# DIGITAL STAR QATAR

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