



Automated Laser Marking of Medical Instruments, Cylindrical and Large Items with Cobalt 1000 Laser from Inkcups Now Corp

The Linear Motion Table and Rotary Engraving Module are add-on components for the compact Cobalt 1000 YAG laser engraver and pad print plate maker. The Linear Motion Table enables automated handling of small engravable items such as trocars, scalpel handles and other medical/surgical instruments made of stainless steel, silver and other materials. It also facilitates etching of larger images – such as graduations or multi-color pad printing plates – that exceed the 120mm field of view of the scan head. The Rotary Engraving Module allows etching along the circumference of round or cylindrical items (tubes, rings etc). The well visible black markings are permanent; they easily withstand autoclaving and other cleaning processes.

The Linear Motion Table is stepper motor controlled; it has a 500mm stroke and fully programmable indexing positions with a registration tolerance of $\pm .0005$ ". The tooling plate readily accepts pin registered engraving fixtures or is designed to accommodate various printing plate sizes (up to 250mm x 650mm). The Rotary Engraving Module is a programmable servo controlled motor which enables the engraving of products up to 4 inches in diameter and 4 inches wide. The rotational accuracy is $\pm .0005$ " and is programmed through the Cobalt 1000 software package.

The Cobalt 1000 is a YAG laser engraver designed to make high resolution pad printing plates and laser engrave a wide variety of substrates: stainless steel, silver, aluminum, leather, glass, textile, paper, rubber, wood and more. "This has been one of the industry's most popular YAG lasers," affirms Inkcups Now representative. "The system features the highest quality components including a fiber laser, advanced Cobalt 1000 software and 10mm scan head – all packaged in a compact industrial cabinet and assembled in Boston, MA. And now, with the Linear Motion Table and Rotary Engraving Module, this machine truly becomes one of the most flexible, cost effective, user friendly and productive lasers on the market today."

For more information, including video demonstrations, please visit www.inkcups.com or call 1-978-646-8980.

