

VISTA II

Cell Sensing System

Announcing an exciting technological advance

Increase production on Gravostar engravers with Vista II. Automatic, accurate, and reliable. Vista II uses new technology to sense and correct problems, for trouble-free engraving.

At the start of every cylinder, Vista II profiles the stylus. It detects any stylus problems and automatically compensates for them. A visual graph of the stylus profile is displayed, and is stored in the cylinder birth certificate. A second set of test cuts at the end of the cylinder checks for stylus breakage.

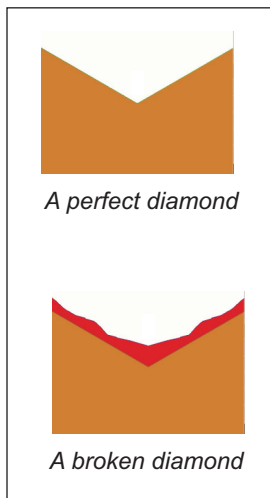
New technology for error-free engraving

The success of VISTA II comes from the integration of multiple sensors to automatically calculate cell shape, size, and the stylus profile for each test cut. The significant change is the use of a stylus position sensor, which adds a third dimension to the setup process. Enhancement of the optical measurement with this third dimension results in a system that is immune to copper scratches and surface glare. The net result is 24/7 reliable cell setups for trouble-free automation.

Additional significant benefits of VISTA II include the Stylus Profile and Tip Calibration procedures.

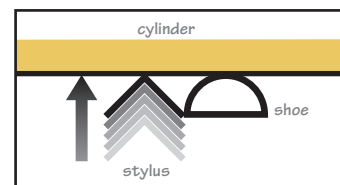
Stylus Profiles

The software uses the stylus profile to compensate for any wear, chips or even breakage, resulting in a more reliable engraving. Tones are more accurate, for more color-correct cylinders. Test cuts are measured more accurately with advanced image processing algorithms. Scratch detection and rejection means that copper scratches will no longer affect measurement. Even surface glare is ignored.



Tip Calibration

The stylus Tip Calibration procedure automatically ensures the stylus and shoe are in the correct relative position after changing the stylus. It is fast and trouble-free. A sensor determines when a stylus change occurs, allowing the operator to track stylus life with the built-in database.



No-fail engraving

Stylus profiling is done at the start of every cylinder, not just when a new stylus is installed. This means that every cylinder will be free of errors from a broken or worn stylus. VISTA II knows if the stylus does not match the job specifications, and displays this in the stylus profile. Choose to ignore the wrong stylus and engrave anyway or stop engraving and wait for the operator.

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Features

VISTA II includes:

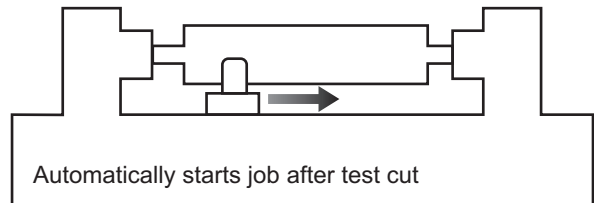
- Scratch detection and scratch-and-glare rejection
- New, more refined edge-detection method based on sophisticated industry-standard algorithms
- Tip calibration automatically senses when the stylus and shoe are in the correct position for engraving
- Stylus profiling automatically adjusts for stylus wear, chips, and breaks
- Cylinder birth certificate, including stylus profile information
- End-of-job test cuts to check for broken stylus after engraving
- Stylus error detection alerts the operator when the wrong stylus is loaded for the next job
- Stylus change sensor and diamond life database

VISTA II is a giant leap forward for automatic setup on Gravostar engravers. VISTA II is available on new Gravostar HS and Gravostar 827, and is available as an upgrade for GS HS and GS 827 Vista machines.

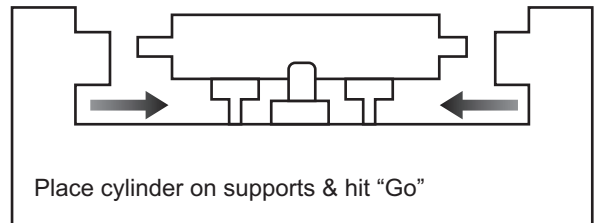
Contact us for more information about the latest innovation from the leaders in electromechanical engraving: VISTA II

Productivity Improvements

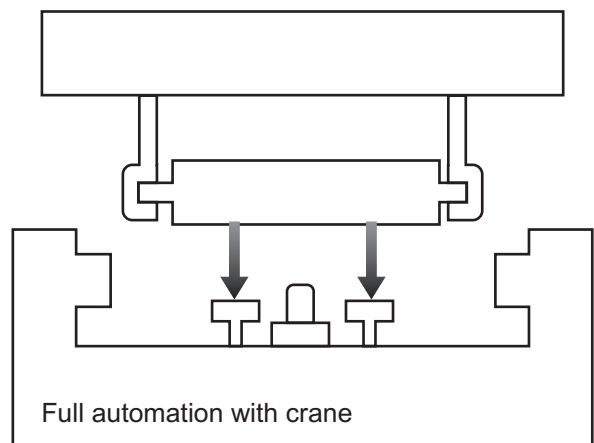
NEW! Fire-and-Forget



Drop-and-Go



Lights Out Automation



Ohio Gravure Technologies Inc. • 2133 Lyons Road • Miamisburg Ohio 45432 USA
Phone: (937) 428 1700 • Email: sales@OhioGT.com • Web: www.OhioGT.com