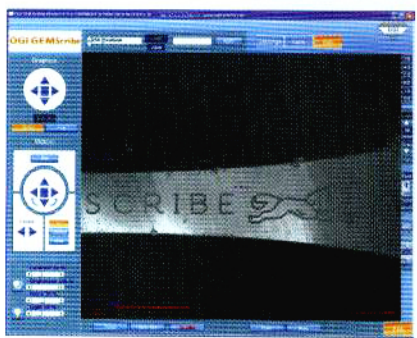


Products, tools and technologies

An inscription on a diamond makes it even more cherished

THIS YEAR'S ASIAWORLD EXPO IN HONG Kong saw the launch of GEMscribe by SAWCut Ltd, an innovative, improved, advanced system for inscription on a stone's girdle. The system is accurate, stable, practical and easy to use.

SAWCut is a division of the OGISystems Group, a world leader in technological solutions for the diamond industry. This new automatic inscription system, which has been developed at the company labs in Israel, is already being used successfully in several labs worldwide.



"There may be a number of motives for inscribing on a stone," explains Marketing and Sales Department manager, Lior Modlin. "To begin with, a company interested in branding its diamonds can inscribe its logo on them. This will give them added value at the purchase. Other organisations might want to inscribe their serial number on the stone for protection. Moreover, individuals may wish to inscribe a personal dedication or a picture to express their love or friendship. And finally, there are those who would like to turn the diamond into some kind of amulet, inscribing their Zodiac sign on it. This, along with the inscribed purchase date, can become part of a family heritage, as it is passed on to future generations."

According to Modlin, GEMscribe comprises several unique capacities that make it very beneficial and practical. First, the system can inscribe on diamonds of different sizes, ranging from 5 points to 1 000 carats. It can also inscribe on some other gemstones, as well as a number of embedded stones. Furthermore, the size of the fonts, numbers and shapes can range from 20 to 250 microns and supports numerous Windows fonts, including Chinese.

"Throughout the development process, emphasis has been put on ergonomics. The



program has been designed and planned as plug 'n play, thus no special training is required of the user before operating the device. In addition, there is a special friendly option enabling the uploading of a logo or a graphic file that has been designed in almost any graphic program," says Modlin. "Another important attribute is the fact that the system requires almost no maintenance."

One of GemScribe's most prominent features is the crystal-clear view of the gem during the work process. This, together with the system's mechanical stability, enables error-free inscriptions on the stone. ■

Advanced technology for the local jewellery market

THE NEW SM SERIES, AN INDUCTION melting device for the jewellery market, incorporates a range of high-volume induction melting systems for the melting and processing of platinum, gold, silver and brass. "It is ideal across a range of purposes, from melting down old or end-of-range jewellery

to producing gold bars or precious metal alloys," says Ali Brey, CEO of the local distributor Hot Platinum. "The cutting-edge induction technology provides rapid melting and thorough mixing of the metal, ensuring a homogenous melt." Systems are available with graphite, silicon-carbide or ceramic

crucibles, ranging from 500 g to 50 kg capacities, depending on the specific application. Specialised high-temperature systems are also available for processes which may require heating up to around 2 000°C. The SM Series is manufactured locally, ensuring a high level of technical support. ■



Untarnished by time

LIPMAN & SON LAUNCHED A NEW PRODUCT into the South African market at Jewellx African earlier this year. Argentium is a new kind of silver with outstanding properties. It is famous for its high tarnish-resistance, natural lustre and bright high-white colour. Argentium silver can also be made twice as hard as annealed traditional sterling silver – meaning extra strength and durability.

Unlike traditional sterling silver, even sol-

dered and delicate articles can easily be hardened by a simple heat treatment. Argentium silver is also friendlier to the environment. With excellent firestain-resistance throughout heating applications, Argentium silver makes hazardous processes associated with plating over or removing firestain a thing of the past. ■

