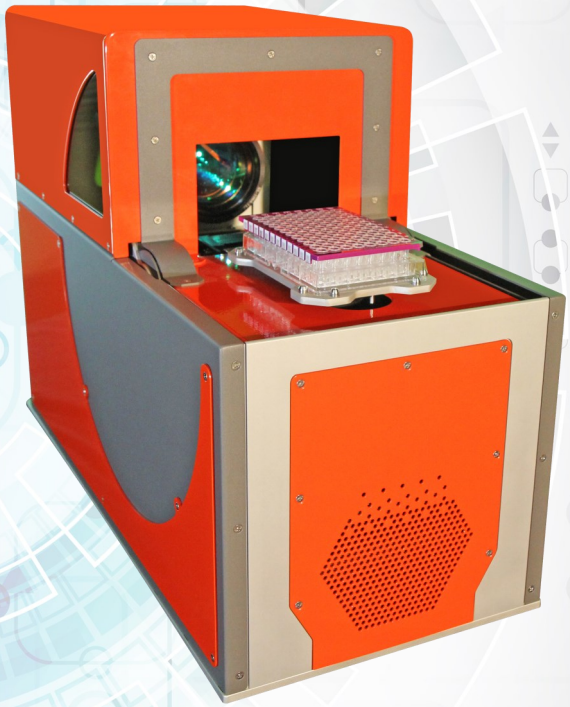
HiBeam LASER ENGRAVER

BioNex Solutions Inc.

- *Permanent indelible marking directly on labware*
- *Imprint text, graphics, 1D barcodes, 2D barcodes, and more*
- *Optimized labeling on a wide variety of labware and materials*
- *Easy integration with microplate handling and laboratory automation systems*
- *No consumables required*



The HiBeam Laser Engraver is next-generation technology, providing direct, indelible labware marking that is far superior to conventional printed labels. The HiBeam marks directly on the labware surface, eliminating the risk of adhesive-backed labels becoming damaged or detached due to poor adhesion, humidified environment, ULT freezing, centrifugation, solvent contact, water bath thermal cycling, or other interferences that typically plague print-and-apply labelers. Adhesive labels, ribbons, thermal paper, or any other types of consumables are not needed.

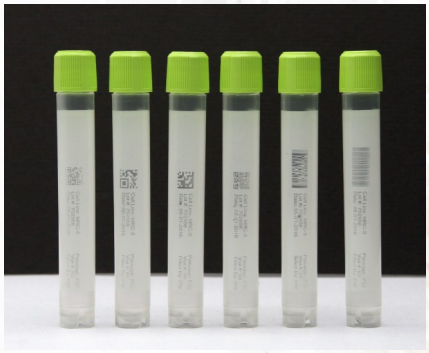
Flexible positioning allows text, graphics, and barcodes to be placed on any side of the labware, without the constraints of a label size. Software controlled operating parameters provide optimum marking performance on a wide variety of labware materials, colors, and heights.

The HiBeam's compact footprint and automatic enclosure permits easy integration with microplate handling and laboratory automation systems. A rotating plate pad allows ANSI SLAS 1-2004 compatible labware entry and exit in any orientation.

The HiBeam provides the ultimate in cradle-to-grave microplate traceability. Direct indelible marking provides a complete consumables-free solution for the most demanding applications in manufacturing, drug discovery, genomics, and diagnostic applications.

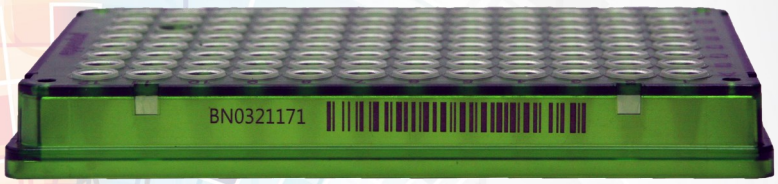
Key Features and Benefits

- Marks directly on labware without implementing labels, inks, or consumables.
- Permanent indelible marking that cannot be washed off.
- Compatible with all barcode formats.
- Compatible with most metals, plastics, and labels.
- Rotating plate stage allows microplate entry and exit in any orientation.
- Easily integrated with microplate handling and laboratory automation systems.



Applications

- Assay Automation
- Compound Management
- Biobanking
- Genomics
- Clinical and Veterinary Diagnostics
- Microplate-based Manufacturing



General Specifications

	HiBeam Laser Engraver
Height	409 mm [16.1 in]
Width	269 mm [10.6 in]
Depth	619 mm [24.4 in]
Weight	30.4 kg [67 lbs]
Loading	Teachable at any angle of rotation
Label Area	66mm W x 110mm H
Maximum Vessel Height	100 mm
Sides for Engraving	NESW
Supported Labware*	ANSI SLAS 1-2004 compatible labware, tubes, and vials
Barcode Formats	Unlimited; text, graphics, 1D barcodes, 2D barcodes, etc...
Laser	Class 4, Class 1 enclosure
Operating Temperature	15°-35°C
Humidity	10 – 85%, non-condensing
Software	Windows 7
Communications	USB 2.0
Electrical	Input Voltage: 90–260 VAC, Input Current: 1.8A @ 115VAC 1.0A @ 230VAC Frequency Range: 50/60 Hz

*It is recommended to test labware prior to ordering. Non-ANSI SLAS 1-2004 compatible labware may be marked with the use of a custom carrier.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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