

all-in-one reader for cryoboxes and racks

High speed barcode scanner for decoding cryogenic storage boxes and ANSI/SLAS labware.

features

- Designed for cold environments, the Scan features a windowless design, eliminating fog and condensation to enable uninterrupted scanning of frozen labware.
- Decodes 81, 100 and 196 cryoboxes in less than 2 seconds
- Decode standard cryoboxes, ANSI/SLAS rack formats, even 384 SBS racks
- Scans 2D embedded barcode on bottom of rack
- Software detects and reports non-decoded tubes

rack ID scanning

- With an optional 1D barcode reader, the rack ID is automatically captured. The barcode reader can be attached to any side of the instrument.



Orient the 1D Linear Barcode Reader on the side suited for your needs:

The mounting bracket can be attached to any of the 4 sides to capture the Rack ID.

BioMicroLab

Scan

Scan all-in-one reader

condensation reduction features

- Internal fans circulate air
- Anti-fog coating reduces frost and fog
- New rack riser reduces cryobox contact with scanner surface

labware compatibility

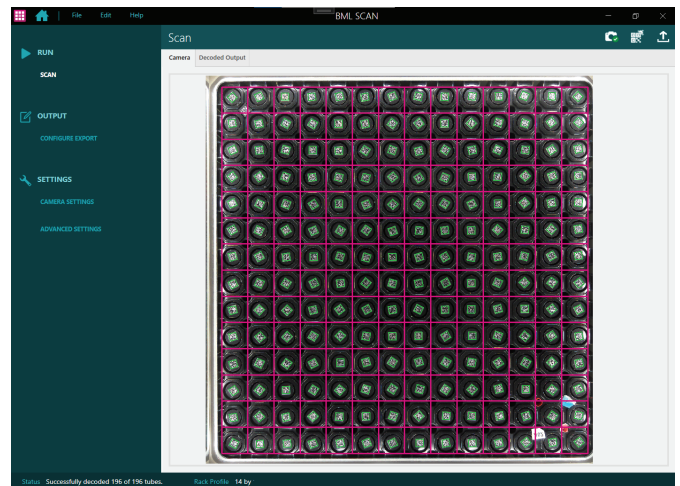
- All standard cryoboxes with any 2D data matrix barcoded cryovials, glass vials or tubes
- Legacy cryo racks in 5x5, 9x9 and 10x10 formats
- 12, 24, 48, 81, 96, and 384 well ANSI/SLAS racks with an included adapter
- 2D4 coded acoustic tubes
- Non-ANSI/SLAS racks and more – please inquire!

Compatible with these manufacturers and others

- FluidX
- Argos Technologies PolarSafe
- Biosigma
- Corning
- Greiner Bio-One
- LVL
- Micronic
- Thermo Scientific
- Wheaton KeepIT
- Ziath

integration ready software

- Easy-to-use software scans, decodes and outputs 2D barcodes on tubes in cryoboxes, racks or individual tubes
- User easily creates tube rack profiles based on workflow
- Duplicate rack scan detection
- Cumulative log file
- Decoded barcode error handling
- Rescan or manually edit barcode data
- Integrates with LIMS, data output files are .csv, .txt, and xml formats, user defined and easily customized.
- Easy-to-use in networked environments.
- SDK toolkit is included to enable transfer of output files directly to LIMS or to integrate with laboratory robotics.



Scan Specifications		Scan	Scan (with 1D reader)
	Part Number	BML-Scan	BML-Scan-1D
	1D Rack Reader	Available	Included
	Speed Per Rack: SBS racks	< 1 second	< 1 second
	Speed Per Rack:	Cryoboxes < 2 seconds	Cryoboxes < 2 seconds
	Operating Environment	0° to 55° C (32° to 131° F)	0° to 55° C (32° to 131° F)
	Toolkits Included	SDK	SDK
	Dimensions	6.5" D x 6.5" W x 7.4" H (17 x 17 x 19 cm)	10.9" D x 6.5" W x 9.6" H (27.7 x 17 x 24.4 cm)
	Weight	7.75 lbs (3.52 kg)	8.5 lbs (3.86 kg)
	Operating System	Windows 10, 11 and .NET 6 Ports: (1) USB 3.0 port or faster	