

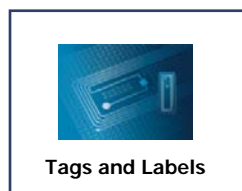
What is Bode-RFID™?

The Bode-RFID system is a package that offers solutions to meet identification, asset management and chain-of-custody control needs. The Bode-RFID system offers all components of RFID solutions including:

- **Solution Implementation:** Bode will deliver, set-up, implement and optimize your Bode-RFID system
- **RFID Hardware:** Bode-RFID offers all hardware components including labels, printers, handhelds and readers
- **RFID Software:** Bode-RFID delivers software solutions to improve asset and chain-of-custody control

How will Bode-RFID help?

Area of Use	Benefits
Inventory Management	Search items easily using a RFID tag. The data from the RFID tag attached to the evidence or sample can track and monitor the chain-of-custody.
Chain-of-Custody Control	Tagged items with proper transfer procedures and generate audits for a record where all evidence is located at a given point in time.
Data Management	RFID tagged evidence can be used to house data on the RFID tag itself to data transfer to a LIMS system without the need of paper.
Access Control	RFID tags on evidence work much like an employee access badge, restricting or authorizing access into areas of the lab where the evidence should or should not be located.
Reagent Consumption Control	RFID tagging of reagent boxes or vials allows for real-time inventory and use visibility. This provides the benefit of on-time re-ordering, consumption history, expired reagent history, etc.



RFID vs. Barcoding



How does an RFID tag differ from a barcode?

There are two key differences:

(1) An RFID tag can be read via radio – not necessarily by visual readings. This means that a tag can be scanned through other objects, and does not need to be specially oriented with respect to a reading device.

(2) RFID tags transmit unique identifiers. A barcode indicates the type of item it is printed on, e.g., a serial number. Thus an RFID tag can distinguish a given sexual assault kit from every other one in the world.

RFID solutions offer faster, more accurate, and more efficient reading than other solutions such as barcoding. Below is a detailed comparison.

	Bode-RFID	Barcodes
Read Rate	Very high throughput, read hundreds of labels in seconds.	Slow, barcode labels have to be read one at a time.
Line of Sight	Not required. Items can be oriented in any direction and direct line of sight is never required.	Required, all items need to be in plain view. Hidden items can be lost during inventory or difficult to find.
Read/Write Capability	Offers the ability to read, write, modify, and update the tag with item information.	Read only capability
Durability	Strong durability. Labels can withstand harsh environments.	Low, can be easily ripped or damaged.
Security	High. RFID tag data can be encrypted and password protected so information stored is much more secure.	Low. Much easier to reproduce or counterfeit.
Directional Tracking	RFID tags can be utilized to track the direction an asset is moving so that the process flow is captured.	Not capable. Cannot be used for directional tracking.

Visit www.bodetech.com for more details