

CARIS™

by BMD

The BMD ResaTrax is the latest generation of automatic sample barcode reader designed for the BMD CARIS™.

As the operator guides the racks one by one into their tracks, each rack is detected by a sensor. A fixed scanner automatically reads the barcodes of all the tubes placed in the rack. This data is stored in the database for later use. It takes approx 1 second to read a full rack of 20 sample tubes.

The sensor will also detect if a rack is incorrectly placed, and when it is removed.

This fast, robust, plug and play semi-automatic barcode reader will offer significant workflow improvements for the large busy laboratory.

*Contact Diagnostic Solutions for a quotation to upgrade your system.
www.diagnosticsolutions.com.au*



CARIS™ ResaTrax

Capacity:

- Up to 12 x 20 (240 tubes *) for primary sampling. Tubes with a diameter of 12 to 16 mm are suitable.
- A flat bottom rack design ensures good stability during sample loading and unloading.
- FIDIS™ reagent rack available (scheduled for 2010 release).
- Rack Status indicated by green LED.

NOTE: * The 240 sample capacity will be achieved during a dedicated ANA screening run.

Barcode Format Accepted:

- Code 39, Code 128, EAN, EAN 128, 2/5 interleaved, Codabar, UPC

Connection:

- Plug and play module that can be removed from the CARIS™ deck when not in use; generating more deck space for other applications.
- Can be retrofitted to instruments already installed

Software Compatibility:

- ATX
- FPX

Catalogue Numbers:

- BM-CR100542: ResaTrax base, Barcode reader with 6 sample racks
- BM-CR100390: Sample Rack (20 samples/rack)
- BM-CR202287: FIDIS™ Reagent Rack (3 reagent packs/rack)



CARIS™ ResaTrax

Feature	ID Trax	ResaTrax
Number of sample tubes	96 sample tubes.	Up to 240 samples can be processed during an ANA screening run.
Dedicated FIDIS™ reagent rack	No.	Yes, available soon.
Sample rack external shape	Conical	Flat, to ensure good stability during the sample loading.
Sample rack internal shape	Round shape, dedicated to either 12 mm or 16 mm tubes.	Conical shape. This allows tubes of different formats; while continuing excellent liquid level detection.
Mechanical Movement	Scanning is performed by two (2) motors and an electronic board.	No robotic movement. This minimizes maintenance and hence reduces possible downtime.
Code format accepted	Barcode must be setup on the CARIS™ system prior to utilisation.	Automatically reads the majority of barcode formats.

