

R.A.P.I.D.[®] Report

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R.A.P.I.D System Upgrades

Idaho Technology Inc. maintains a standard of offering high quality, durable and reliable systems to our customers. We strive to not only give you a leading-edge technology, but to also improve our existing systems and make those improvements available to our current users.

Available Now

CMC firmware Upgrade (version 1.2.14)

We are offering a firmware upgrade to existing customers. This upgrade has been incorporated on new and repaired R.A.P.I.D. Systems beginning October 15, 2003. The purpose of this upgrade is to improve sample-to-sample temperature regulation within the carousel chamber. The noticeable difference is the Constant Motion Carousel (CMC). As the machine goes through its amplification cycling, the R.A.P.I.D. carousel will rotate continuously. Previously the carousel remained stationary except during the fluorescence acquisition phase. This upgrade can be done in the field. To receive the CMC upgrade, contact Idaho Technology customer support at 1-800-735-6544 ext 406.

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JBAIDS Announcement

On Sept. 23, 2003, Idaho Technology Inc., Salt Lake City, Utah, was awarded the JBAIDS (Joint Biological Agent Identification and Diagnostic System) contract. "The system is a reusable, portable modifiable system capable of simultaneous, reliable identification of multiple Biological Warfare Agents and pathogens of operation concern and clinical significance" according to an article published in *Society Scope* (Fall 2003, Vol 3 Num 3). Idaho Technology's R.A.P.I.D. System outperformed eight other competitors for the contract.

ITI competed in the JPEO-CBD's innovative 4-step acquisition process; Pre-solicitation, Commercial Submission, "Fly-Off", and Request for Proposal. This model was designed for faster fielding of advanced technologies to the warfighter while streamlining the acquisition of new equipment. The result was the award of the JBAIDS block I to ITI.

The goal of JBAIDS was to draw from the existing commercial biotechnology base to deliver a Commercial Off The Shelf (COTS) system requiring little modification and development.

The joint project involving all branches of the DoD will undergo one year of development and demonstration testing of the system, operational testing, and then full Fielding of the JBAIDS system in 2005.

ITI will apply for 510K approval of the JBAIDS machine by the FDA, as well as approval of select freeze-dried pathogen assays for rapid diagnosis of clinical samples.

The contract will bring about several positive changes for current R.A.P.I.D. customers. Some of these changes include updated software, updated R.A.P.I.D. instrument, new reagents, new manuals, and improved training classes. Idaho Technology will keep current customers informed of when these changes will be come available.

Software Upgrade Packages for R.A.P.I.D.® Systems Available Now

- **Software Upgrade Package (under warranty)**
Cost: No Charge
Includes: CMC software upgrade CD and installation instructions.
- **Software Upgrade package (out-of-warranty)**
Cost: \$150
Includes: CMC software upgrade CD and installation instructions.

Hardware Upgrade Available March 15, 2004

Three optional hardware upgrades will be available after March 15, 2004. These upgrades are designed to further enhance the performance of the R.A.P.I.D. System and are factory installation upgrades. Please contact Idaho Technology customer support at 1-800-735-6544 ext 406 to receive details about implementing these upgrades.

Hardware Upgrades:

- **Aluminum Alloy Drive Pulley Upgrade**
This upgrade is designed to complement the CMC firmware upgrade by increasing durability of the carousel drive train.

Hardware/Software Upgrade Packages for R.A.P.I.D. Systems available after March 15, 2004

Each of the four upgrade packages listed below include factory installation of CMC firmware, aluminum pulley, fan blade and heat coil upgrades, preventative maintenance servicing and factory calibration.

- **Upgrade Package 1 (Under warranty with Overnight shipping)**
Cost: \$750
- **Upgrade Package 1 (Under warranty with Ground shipping)**
Cost: \$600
- **Upgrade Package 1 (Out-of-warranty with Overnight Shipping)**
Cost: \$1,250
- **Upgrade Package 2 (Out-of-warranty with Ground shipping)**
Cost: \$1,100

Loaner Machine Costs

- **Instrument Under Warranty**
No charge: Dependent on availability + \$350 R.A.P.I.D. System shipping
- **Instrument Out-of-Warranty**
Cost: \$300/week – dependent on availability + \$350 R.A.P.I.D. System shipping.

R.A.P.I.D. Warranty Information

The R.A.P.I.D. System is shipped with a one-year parts, labor and service warranty. Should the instrument need to be returned to Idaho Technology for repair for an extended period of time, a temporary replacement instrument can be sent, upon approval, until the purchased instrument is repaired. **R.A.P.I.D. Warranty Covers:** Repairs due to component failure, software upgrades, all shipping costs for repairs within the US. This warranty does not cover cosmetic damage or damage due to accidents, misuse, abuse, negligence or unauthorized modification of or to any part of the instrument, including the laptop and other instrument accessories. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone not authorized by Idaho Technology.

R.A.P.I.D.® System Training

We offer training courses for the R.A.P.I.D. System. Training for two people is included with the purchase of the R.A.P.I.D. System and more may attend at an additional cost. The training course is three days long and focuses on concepts of operation, sample preparation, reagent set-up and software. The next few training dates are:

February 10-12, 2004

March 23-25, 2004

April 20-22, 2004

Calendar of Events

IFPAC

Arlington, VA

January 12-15, 2004

www.ifpac.com

SAFMLS

Boston, MA

February 24-25, 2004

Texas Water 2004

Arlington, TX

April 5-8, 2004

CBMTS V

Spiez, Switzerland

April 25-30, 2004

Water Security Congress

Charlotte, NC

April 25-27, 2004

R.A.P.I.D. Customers in the News

Recently Virginia's CST (35th WMD) was featured in *National Defense Magazine* (September 2003). Check out the article!

R.A.P.I.D. System is a Controlled Item

The U.S. Department of State, Directorial of Defense Trade Controls has determined that the R.A.P.I.D. System, its software, documentation and other related technical data are defense articles controlled for export under the International Traffic in Arms Regulations (ITAR).

The transfer of any hardware or technical data controlled by the ITAR to any unauthorized persons, requires prior written approval from the U.S. Department of State.

Technical Support Corner

Corrections for R.A.P.I.D. System

The look of the Exit Button in the Advanced Options and the Sample Positions in the Run Screen in the R.A.P.I.D. Software will vary depending on the type of video adapter in your particular model of IBM laptop. Here is what to try first to verify the default display settings:

1. Left click the **Start** button in the bottom left of the Windows desktop.
2. Choose **Settings** from the Start menu.
3. Select the **Control Panel** from the submenu.
4. Double click to open the **Display Properties**.
5. Choose the **Appearance** tab.
6. Be sure this is set to "Windows Classic" for Windows 2000 (MS Sans Serif font)
7. Choose the **Settings** tab.
8. The Screen Area (Resolution) must be 1024 by 768 pixels for RAPID software.
9. Click the **Advanced** button to the bottom right of the Settings dialog box.
10. Under the default General tab, the Display Font Size must be "Small Fonts" (Normal size of 96 dpi.)
11. If any changes were needed, click the **Apply** button.
12. Click **OK**. Restart the computer.

Settings for Gain settings for R.A.P.I.D. System

When using Idaho Technology freeze-dried reagents (hyb probe), a channel setting of 2 and gain settings of 1,8,1 (F1, F2, F3, respectively) works best. When using FAM Taqman reagents, a gain of 4 or 8 in F1 works best.

Shelf life of Freeze-Dried Reagents

All Idaho Technology freeze-dried reagents have a maximum shelf-life of six months. Be sure to check your reagents shelf-life periodically and mark on the calendar when you need to reorder your stock. Remember it can take up to 30 days to receive an order of freeze-dried reagents. Call Idaho Technology at 801-736-6354 ext 349 to order.



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RETURN SERVICE REQUESTED

Mailing Address

