The Thermo Scientific Ramsey Inventory Management Software (IMS) system monitors material level in conjunction with the Thermo Scientific Ramsey Bob II inventory management system and provides a graphical representation of up to 130 vessels, along with detailed information on every single vessel. This feedback leaves you in control of your process, permitting you to optimize efficiency, reduce downtime and improve your overall results.

Thermo Scientific Ramsey™ IMS
PC-Based Inventory Management Software

Software Command Options

Left click on a vessel to display:

- Vessel number
- Product type
- Last measured date and time
- Height of product
- Distance to product
- Percent full
- Content weight
- Remaining weight
- Content volume
- Remaining volume

Right click on a vessel to:

- Measure the vessel
- Remove the bin
- Retrieve level history
- View bob diagnostics
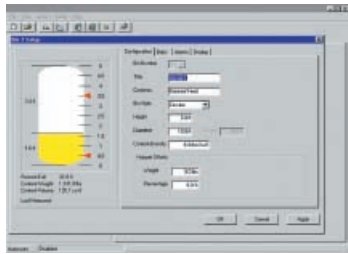- Set configuration, display, bobs and alarms

The Thermo Scientific Ramsey IMS is a Windows® compatible inventory management system. It interfaces with the advanced microprocessor-based Ramsey Bob II inventory measurement system's remote sensors to monitor material level in up to 130 vessels at one time. The Ramsey Bob II system completely ignores dust, echoes, vapors, temperature, steam and material densities. It is capable of measuring all liquid, slurry, powder and dry bulk solids applications.

The Ramsey IMS provides a graphical representation of ten vessels per tab, up to 130 vessels overall, as well as detailed information on any single selected vessel.

All measurements are saved in a comma-delimited file with a time and date stamp. Measurements can be taken in feet, yards or meters. Weight can be calculated in pounds, kilograms, tons, metric tons or slugs. Bin inventories and level histories are displayed in graphical form and can be printed at any time.

This powerful software system can be programmed to take automatic measurements at preset intervals and, in the event of an alarm, it will allow you to send vital information to a pager, e-mail address or fax machine. You may also access the Ramsey IMS from remote locations. The program is compatible with the following versions of the Windows operating system: 95, 98, 2000, XP and NT.

Thermo SCIENTIFIC
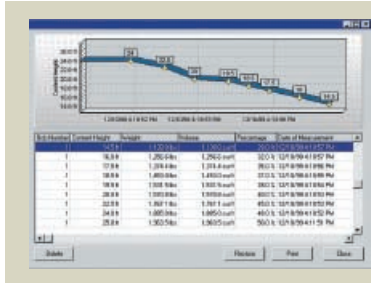
Thermo Scientific Ramsey IMS

Bin Setup
The Bin Setup screen indicates where individual bin settings are recorded. Hopper Offset allows the weight and percentage of material in the hopper bottom to be added into the total calculation.

Bin Settings
- Bin number
- Title
- Content density
- Content
- Diameter or length
- Bin dimensions
- Hopper offset (weight and percentage)
- Bin style (circular or rectangular)

Level History
The Level History screen displays inventory history for every vessel on the system in both a numerical and graphical format. This information can be printed.

History Includes
- Bin number
- Bob number
- Date/time of measurement
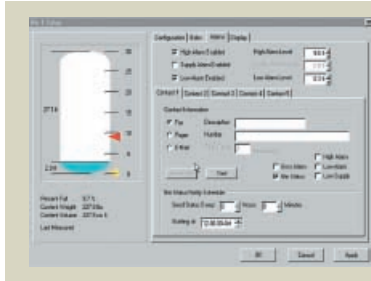- Volume
- Weight
- Percent full
- Content height

Bin Inventory
The Bin Inventory screen displays current inventory for each individual vessel on the system in both a numerical and graphical format. This information can be printed.

Bin Inventory Includes
- Bin number
- Bin name
- Contents
- Level
- Weight
- Volume
- Percent full
- Date/time measured

Bin Alarm / Bin Status
The Bin Alarm screen provides programmable high, low, supply, and error alarms that can be programmed to access the computer's modem and dial up to five preset emergency numbers. Detailed bin inventory for all vessels on the system can be faxed or e-mailed at preprogrammed intervals to five contacts.

Alarm Settings Include
- High alarm enabled/high alarm level
- Low alarm enabled/low alarm level
- Alarm notification number
- Page delay
- Alarm notification fax, e-mail and/or pager
- Enabled high/low/error alarms
- Alarm notification description
- Bin status notification schedule

System Requirements
- IBM®-compatible PC; 80486 DXZ 66 MHz or higher
- Monitor at 800 x 600 minimum resolution
- SVGA graphics card
- Windows 95, 98, NT version 4.0 (service pack 4 or higher), 2000 or XP

- 16 MB RAM on Windows 95 and 98
- 32 MB RAM on Windows NT, 2000 and XP
- One serial communications port
- RS-485 interface module (supplied by Thermo Fisher)
- RS-232 serial cable (supplied by user)

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