

Voyager

Esco Isotherm with Esco Voyager

Remote Monitoring, Datalogging, Programming Software

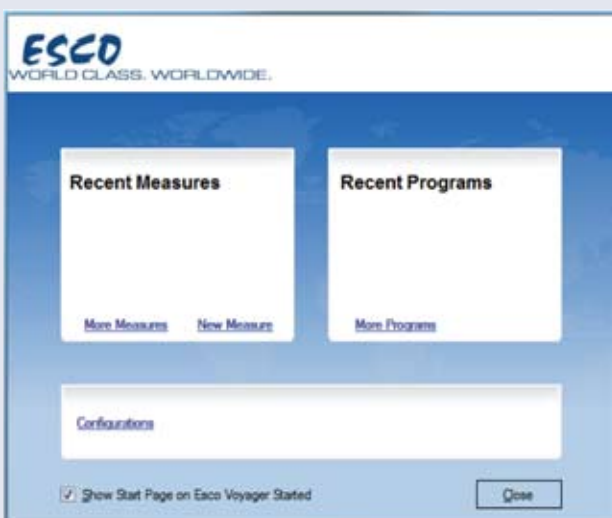
Esco Voyager is a PC-based software package developed for the remote monitoring, datalogging, and programming / device configuration of Esco controlled environment laboratory equipment. Compatible equipment includes laboratory ovens and microbiology incubators. Voyager interfaces with individual Esco equipment over RS485 using the EscoBUS communications protocol. Up to 32 pieces of equipment may be interfaced to a single PC.

Compatible Equipment

- Forced Convection Laboratory Ovens, OFA.
- Forced Convection Laboratory Incubators, IFA.
- Natural Convection Laboratory Incubators, INA.
- Low Temperature BOD Incubator, IFC.

Features

Remote Monitoring and Datalogging



Esco Voyager start page allows user to easily navigate to all the software's feature.



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Datalogging (measurement) configuration window allow the user to easily set up the measurement interval, temperature set point, low temperature alarm point and high temperature alarm point of a chamber or an equipment. This window also allow the user to choose the method of when and which the data can be viewed (spreadsheet, e-mail, web page or print out).

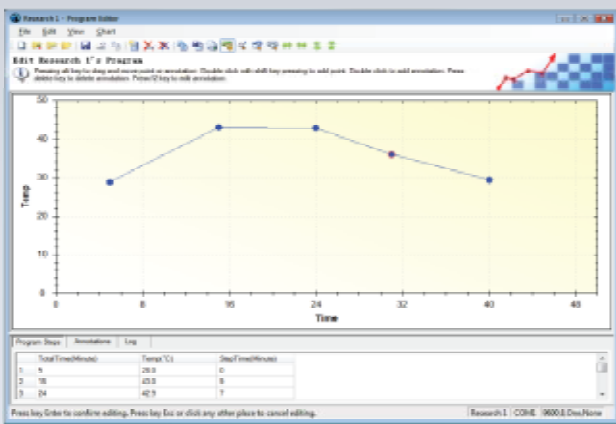
- Automatic, continuous monitoring of equipment parameters.
- Viewing and graphing equipment parameters in real time.
- Saving and exporting log data in various formats, including encrypted formats.
- Automatic printing and emailing of log data at user-defined intervals.

Alarm

- Alarms when exceeding a user-defined parameter limit.
- Automatic email alerts.
- Documentation of all alarms with time/date stamp.

Remote Programming and Equipment Configuration

- Development of programs using a graphical interface for subsequent download to device memory.
- Configure devices remotely (set points, fan speed, time, local alarm limits, etc.).



Chamber programming window allow the user to easily program a chamber or an equipment by using a user friendly GUI.

Communications

- Industrial strength, industry-standard RS485.
- EscoBUS communications protocol.
- RJ45 ports at rear of each piece of equipment.
- RJ45 to USB interface, plugs into PC USB port.
- RJ45 to RS232 interface, plugs into PC DB9/Serial Port.
- Each device on network must be assigned a unique EscoBUS address.
- Up to 32 devices may be daisy-chained to a single PC.
- Up to 1000 m (3280') cable length.
- The maximum distance between equipment is 100 m (328'), while the maximum distance between the PC to the last equipment is 1000 m (3280').

Chamber configuration window allow the user to set up the method of which the chamber is connected to the PC or server.

Requirements

- Microsoft Windows 2000 and above.

Since 1978, Esco has emerged as a leader in the development of controlled environment, laboratory and cleanroom equipment solutions. Products sold in more than 100 countries include biological safety cabinets, cleanroom products, compounding pharmacy equipment, containment / pharma products, ductless fume hoods, in vitro fertilization workstations, lab animal research products, laboratory fume hoods, laboratory ovens and incubators, laminar flow clean benches and PCR products and instrumentation. With the most extensive product line in the industry, Esco has passed more tests, in more languages, for more certifications, throughout more countries than any biosafety cabinet manufacturer in the world. Esco remains dedicated to delivering innovative solutions for the clinical, life science, research and industrial laboratory community. www.escoglobal.com.

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