

## Tecan EVO 150



Manufacturer: Tecan  
 Model Number: Tecan-EVO150  
 Web Address: [www.tecan.com](http://www.tecan.com)

The Freedom EVO 150 series offers 150 cm worktable capacity with building-block modularity that brings precision, reliable liquid handling and easy-to-use robotics. The platform can be combined with a wide choice of robotic arms, liquid handling tools and application options powered by straightforward software to meet your individual needs. The upgradeable Freedom EVO platform can evolve with your changing application needs making your initial investment even more valuable.

### Liquid Handler: Commands

• **Logon( userName, password, plus, simulation )** - Logs on to the EVOware software. If EVOware is not already started, Logon starts EVOware.exe.

userName	String	User name.
password	String	Password for the user.
plus	Boolean	If true, starts EVOware Plus, otherwise starts EVOware Standard.
simulation	Boolean	If true, starts EVOware in simulation mode.

• **Logoff( )** - Logs out from the EVOware software.

• **PrepareScript( scriptName )** - Loads and prepares a script file for execution.

scriptName	String	Name of the script to load.
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• **StartScript( scriptID )** - Starts the specified script.

scriptID	Integer	Unique script identifier.
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• **Pause( )** - Pauses the system.

• **Resume( )** - Resumes the system.

• **Stop( )** - Stops the system.

• **Initialize( )** - Initializes device drivers and the attached hardware. This function must be executed prior to starting any process or script. If this function is not called before starting a script or a process a message box from EVOware pops up to request permission to initialize the system.

• **Shutdown( )** - Shuts down device drivers.

• **GetStatus( )** - Gets current status of the system.

• **GetScriptStatus( scriptID )** - Gets current status of the specified script.

scriptID	Integer	Unique script identifier.
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- **SetRemoteMode( enable )** - When set to true, the API remote mode is enabled. When API mode is enabled the API programmer takes over responsibility for door lock and status lamp control. When API mode is not enabled it is the systems responsibility to control door locks and status lamp.

enable	Boolean	Enables or disables the remote mode.
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- **SetLamp( lampStatus )** - Changes status of the lamp.

lampStatus	Integer	Status of the lamp. 0 - LAMP_OFF, 1 - LAMP_GREEN, 2 - LAMPGREENFLASHING, 3 - LAMPREDFLASHING.
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- **SetDoorLocks( doorLocks )** - Opens/closes door locks.

doorLocks	Boolean	When true, door lock is closed. When false, door lock is open.
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- **GetScriptVariable( scriptID, variableName )** - Gets the value of the variable of the specified script.

scriptID	Integer	Unique script identifier.
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variableName	String	Name of the variable.
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- **SetScriptVariable( scriptID, variableName, variableValue )** - Sets the value of the variable of the specified script.

scriptID	Integer	Unique script identifier.
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variableName	String	Name of the variable.
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variableValue	String	Value of the specified variable.
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- **HideGUI( hide )** - Hides the main EVOware window.

hide	Boolean	When true, the EVOware window is hidden.
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## Liquid Handler Error

- **Error( alarmCode, description )** - Error occurred during command execution.

alarmCode	Integer	Error code indicating an error which occurred on the instrument.
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description	String	Error description.
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