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Aurora Discovery TCPR

Manufacturer: Aurora Discovery
Model Number: tcPR
Web Address: www.auroradiscovery.com

The Topology Compensating Plate Reader (tcPR) is the second generation emission-ratioing, fluorescence reader designed to read 1536-well and 3456-well assay plates. It acquires fluorecence from each well of a plate simultaneously at two different wavelengths, thus providing ratioing capability. Excitation is in the range 340-650 nm using a xenon lamp light source. Emitted light is split between two optical fibers, passed through two emission filters, each at different wavelengths (in the range of 400-600 nm), and collected by photomultiplier tubes.

Topology Compensating Plate Reader: Commands

- **PlateIn( )** - Command the tcRP to lower (take in) its plate carrier.
- **PlateOut( )** - Command the tcRP to present its plate carrier for loading.
- **SetScriptFile(path)** - Set the path name for the script file.

path	String	Full path name for the script file.

- **SetPlateType(plate)** - Set the name of the plate type to be used for the read.

plate	String	Name of the plate type.

- **ReadPlate( )** - Run the read operation.
- **GetVersionString( )** - Returns the string containing the version number of the instrument.

Topology Compensating Plate Reader: Errors

- **ReaderError(errorCode, errorDescription)** - Error occurred during command execution.

errorCode	Integer	Error code number.

errorDescription	String	Error description. 1 - Toolkit is already initialized. 2 - Product path specified in the Initialize method is invalid. 3 - Toolkit fails to initialized the tcPR. 4 - Bad command. 5 - Bad parameter. other - Please refer to tcPR error data file.

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