

Optiwave and EXFO

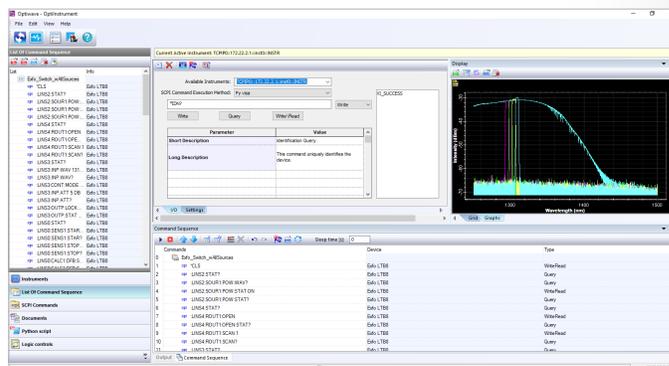
Partners for automation in lab and manufacturing



OptiInstrument
Instruments Communication and Control Tool

OptiInstrument is a software tool that makes it easy to communicate with instruments and automate their operation using remote control scripts.

OptiInstrument, developed by Optiwave in collaboration with EXFO, addresses the need to automate instruments for researchers, scientists, photonic engineers, professors and students. OptiInstrument provides a simple, efficient and user-friendly way to manage multiple applications.



OptiInstrument's single-window graphical user interface



LTB-12 and CTP10 rackmount modular mainframe

KEY FEATURES

- User-friendly GUI that operates from a single window
- Execute one or a sequence of SCPI commands
- Import sequences and script files
- Reorder commands, add loops and pause from a preconfigured list
- Generate Python script from sequence of commands
- Edit and run Python code using built-in editor
- Show graph or table view of data signals

- Remote operation and control of instruments
- Save results of executed SCPI commands in a CSV or JSON file
- Run preformatted scripts to automate optical measurements using [EXFO equipment](#)

New features

- Run configured scripts to talk to CTP10, OTDR, OSA or VOA
- Multiple traces in graph at the same time
- Seamless import of Python functions for test sequences

APPLICATIONS

- Communicating with instruments remotely
- Setting up equipment parameters
- Characterization and automated testing
- Passive optical component testing and characterization

- Environmental testing
- Extraction and saving of generated signals for post processing
- Integration of instruments from a variety of fields, including photonics, electronics with software simulation tools

Click for more information from Optiwave, including a 30-day trial of OptiInstrument!