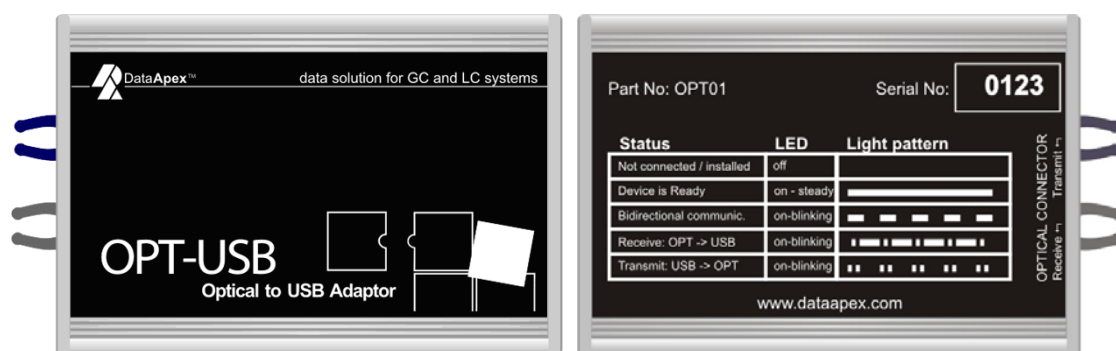




## OPT-USB – Optical to USB Adaptor

The OPT-USB adaptor translates signals between Optical cable and USB. The converter software emulates a COM port in the PC, so it can be used also as an Optical to RS232 converter. It can be used to control devices using the optical link communication.



OPT-USB Front and Rear views

After installing the drivers available on Clarity installation CD-ROM and connecting to the USB port, the converter creates a virtual COM port in the PC. This can be used to control the respective device from Clarity.

OPT-USB indicates current state of communication using the green LED situated next to the USB connector on the right side of the box. The patterns corresponding to individual states are indicated on the back side.

The devices currently supported from Clarity include:

- Shimadzu GC-14C gas chromatograph
- Shimadzu GC-17A gas chromatograph
- Shimadzu LC-10 AD HPLC pump
- Shimadzu LC-20 AD HPLC pump

Each OPT-USB Adaptor serves as an interface for one device, so multiple adaptors are needed to control more than one device. The OPT-USB adaptor package (p/n OPT01) consists of the OPT-USB Adaptor, 50 cm optical cable (p/n SK15) and USB A-A cable (p/n SK10). These cables are part of the package, but can also be ordered separately.

### Specification:

<b>Part No.</b>	OPT01
<b>Max. data transfer rate</b>	115200 Bd
<b>Supply current</b>	30 mA (supplied from PC through USB port)
<b>Dimensions</b>	55 x 40 x 15 mm
<b>Weight</b>	45 g
<b>Warranty</b>	3 years
<b>Related Products:</b>	Clarity Software (p/n C50) - (required) GC Control (p/n A23) LC Control (p/n A24) Optical cable for OPT-USB (p/n SK15) USB A-A cable (p/n SK10)