# Multi Channel LED Analyzer




- Tests the Full Spectrum of Visible LEDs
  from dim to the brightest on the market today.

- Unrivalled repeatability for color
  and intensity testing.

- Easy to operate using the serial or
  In-Circuit Test (ICT) or USB interface.

- Available in two versions,
  In-Circuit Test (ICT) and Functional (USB)

The LED Analyzer are available as:

2-Channel Functional with USB interface
2-Channel ICT         with InCircuit Test, serial interface
3-Channel Functional with USB interface
3-Channel ICT         with InCircuit Test, serial interface
6-Channel Functional with USB interface
6-Channel ICT         with InCircuit Test, serial interface
10-Channel Functional with USB interface
10-Channel ICT         with InCircuit Test, serial interface
20-Channel Functional with USB interface
20-Channel ICT         with InCircuit Test, serial interface

Optional available:
Additional Optical Heads

Order Information:

PartNo: 41980
PartNo: 41981
PartNo: 41982
PartNo: 41983
PartNo: 41984
PartNo: 41985
PartNo: 41986
PartNo: 41987
PartNo: 41988
PartNo: 41989


PartNo: 41990

All LED Analyzers are supplied with Software, Fibers, Cables
Receptacles, Fiber Cutter.

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## SPECIFICATIONS

| Optical | | |
|---|---|---|
| | Red Peak Efficiency Wavelenth | 615 nm |
| | Green Peak Efficiency Wavelength | 540 nm |
| | Blue Peak Efficiency Wavelength | 465 nm |
| | Total Operating Wavelenght Range | 450 nm to 650 nm |

| Electrical | | |
|---|---|---|
| | Supply Voltage | 5.0V Powered by USB |
| | Supply Current | 80 mA |
| | USB Interface | |
| | Output Data Format | Hue |
| | | Saturation* |
| | | Intensity |
| | | RGB |
| | | x,y |
| | | u'v' |

| Physical | | |
|---|---|---|
| | Overall Dimensions | 86mm x 54mm x 38mm (W x L x H) |
| | Fiber Length | 0.6m |
| | Fiber Diameter | 1.0mm including cladding |
| | Number of Fibers | 3 |
| | Minimum bend radius of Fiber | 15mm |
| | Operating Temperature Range | 0°C to +50°C |

| Accuracy | | |
|---|---|---|
| | White | x = +/- 0.0015, y = +/- 0.0015 |
| | Red (630nm) | +/- 3nm |
| | Green (540nm) | +/- 4nm |
| | Blue (465nm) | +/- 3nm |
| | | * Saturation is a measure of the whiteness of a LED |