

LED sources for fluorescence

HIGHLIGHTS

- Stand-alone operation
- Easy mounting and operation
- 9 excitation wavelengths-bands are available

TECHNICAL SPECIFICATIONS

LAMPHOUSE

The lamphouse can be mounted with a specific adapter on a Euromex Delphi-X Observer, iScope and Oxion upright microscopes as well as for our Oxion Inverso and Delphi-X Inverso inverted models. For other brands, contact Euromex



● LE.6500

CONTROLLERS

LE.6200

The entry-level LE.6200 system has a simple 100-240 V power supply/intensity control unit for both wavelengths which are active at the same time

| Band | Wavelength | FWHM (nm) | Range | Color | Power (mW) |
|------|------------|-----------|---------|-------|------------|
| 5 | 470 | 24 | 450-490 | Blue | 315 |
| 6 | 525 | 29 | 505-545 | Green | 142 |

Customized versions with two wavelength bands (LE.6200 + 2 band references) - to choose between wavelength bands 1, 3, 4, 5 or 6 - are available on special request. E.g. LE.6200-15

LE.6500

The standard LE.6500 system has a 100-240 V power supply/intensity control unit with touch screen for selection and intensity adjustment of five wavelength bands

| Band | Wavelength | FWHM (nm) | Range | Color | Power (mW) |
|------|------------|-----------|---------|---------------|------------|
| 1 | 365 | 18 | 330-380 | Ultra violet | 205 |
| 4 | 450 | 26 | 440-470 | Royal blue | 485 |
| 5 | 470 | 24 | 450-490 | Blue | 315 |
| 6 | 525 | 29 | 505-545 | Green | 142 |
| 7 | 545 | 116 | 510-560 | Emerald green | 172 |

Customized versions (product nr. LE.6500-ABCDE) with a maximum of five wavelength bands are available on special request.

One can choose from wavelength bands 1 to 7 (see table below), e.g. LE.6500-12456

Customized versions (product nr. LE.6500-ABCD) with wavelength band 8 or 9 (not both) plus three other wavelength bands (chosen freely from wavelength bands 1 to 7, see table below) are also available. E.g. LE.6500-1458

LE.6900

The ultimate LE.6900 system has a 100-240 V power supply/intensity control unit with keyboard pad for selection and intensity adjustment of all nine wavelength bands (see picture below)

| Band | Wavelength | FWHM (nm) | Range | Color | Power (mW) | E.g. compatible fluorochromes |
|------|------------|-----------|---------|---------------|------------|---|
| 1 | 365 | 18 | 330-380 | Ultra violet | 205 | DAPI (359 nm), Biosearch Blue (352 nm), Calcofluor White (350 nm) |
| 2 | 385 | 14 | 370-395 | Royal violet | 126 | Coumarin (384 nm), FluoroGold (390 nm), wtGFP (395 nm) |
| 3 | 405 | 22 | 380-420 | Violet | 468 | DyLight 405 (399 nm) |
| 4 | 450 | 26 | 440-470 | Royal blue | 485 | Auramine (460 nm) |
| 5 | 470 | 24 | 450-490 | Blue | 315 | Cy2 (489 nm), rsGFP (488 nm), EGFP (488 nm), FITC (494 nm), Acridine Orange (DNA -500 nm) |
| 6 | 525 | 29 | 505-545 | Green | 142 | Citrine (514 nm), Acridine Orange (500 nm) |
| 7 | 545 | 16 | 510-560 | Emerald green | 172 | TRITC (555 nm), Cy3 (552 nm), DsRed (557 nm), Alexa Fluor 546 (556 nm) |
| 8 | 625 | 20 | 605-650 | Orange-red | 130 | Cy5 (649nm), Alexa Fluor 633 (632 nm) |
| 9 | 660 | 21 | 645-670 | Red | 221 | Cy5 (649nm), Alexa Fluor 647 (649 nm) |



Keyboard pad for the LE.6900 ●