

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



● Keyboard pad for the LE.6900

CONTROLLERS

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)

