



Technology Offer

## The Data Plotting Software DISLIN

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*DISLIN is a high level library of subroutines and functions that display data graphically. It is intended to be a powerful and easy to use software package for programmers and scientists that does not require knowledge of hardware features. The software is available for the programming languages C and FORTRAN.*

*DISLIN stores the graphic information in a device-independent metafile that is converted by a device driver program for plotting on various devices. Two formats can be selected: a GKSLIN metafile coded in ASCII and a CGM binary metafile corresponding to the ANSI norm. Device-dependent plotfiles can also be generated by DISLIN such as PostScript files, HPGL files, Prescribe files for Kyocera printers, and Tektronix and X Window emulations for graphic terminals.*

The library contains the following features:

- 9 software fonts where each font provides 6 alphabets. Hardware fonts for PostScript printers can also be used.
- Plotting of two- and three-dimensional axis systems. Axes can be linearly or logarithmically scaled and labeled with linear, logarithmic, time, map and user-defined formats.
- Plotting of curves. Several curves can appear in one axis system and can be differentiated by colour, line style and pattern.
- Plotting of legends.
- Elementary plot routines for lines, vectors and outlined or filled regions such as rectangles, circles, arcs, ellipses and polygons.
- Shielded regions can be defined.
- Business graphics.
- 3-D colour graphics.
- 3-D graphics.
- Geographical projections and plotting of maps.
- Contouring.

### Price list for DISLIN

License	EUR	US Dollar
PC	EUR 120,-- (+ tax)	\$ 180,--
Workstation	EUR 360,-- (+ tax)	\$ 540,--
Campus	EUR 800,-- (+ tax)	\$ 1.200,--
World	EUR 2.400,-- (+ tax)	\$ 3.600,--

Manuals in English are available in the online help of DISLIN, or can be downloaded in HTML format.

The DISLIN Homepage is: <https://www.mps.mpg.de/dislin>