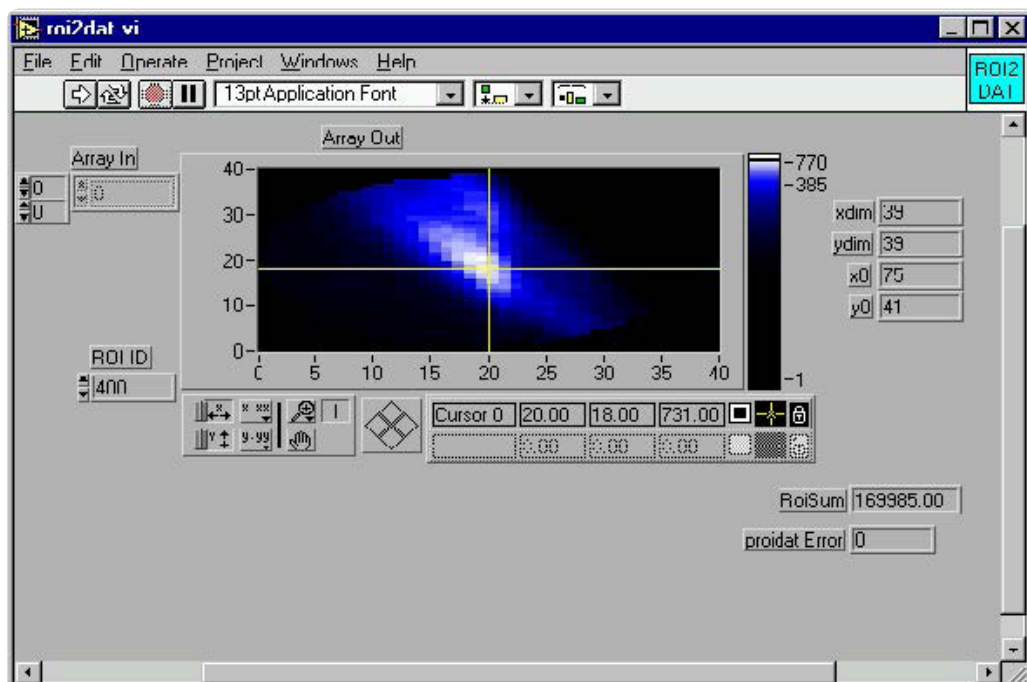


Here is the demo LabVIEW application for the access to ROI data



### Features

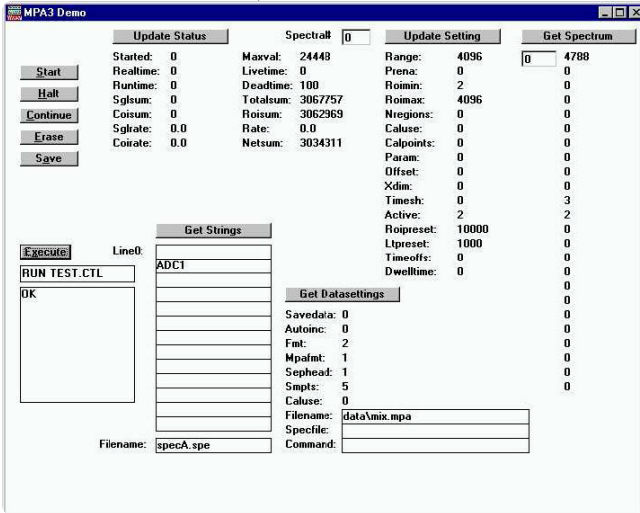
- MS-Windows based customer-specific user interfaces can be easily made using supplied-documentation, libraries and examples
- Example programs in Visual Basic, VB2800, C and Delphi
- Example LabVIEW application and library containing basic LabVIEW VI's
- Automatic execution through MACRO commands
- Custom DLL functions allow user-defined calculated parameter spectra
- A special DLL including source shows calculated spectra with routing bits in MPANT
- Local Area TCP/IP Network support for remote control via optional MPA-3 Control software

### Description

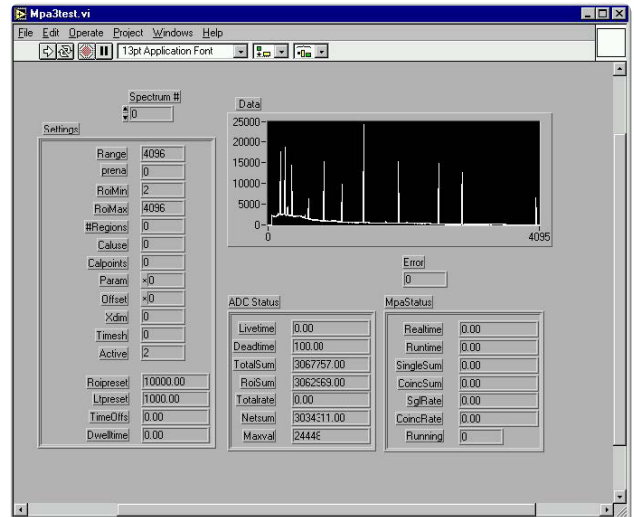
The 32- and 64-bit MPANT software for the multi-parameter system MPA-3 consists of a hardware-dependent program with DLL and a general graphics program that controls the hardware via the DLL. Any other Windows application can also control the server hardware via the DLL. To support the programming of such customer-specific user interfaces, as an option we deliver documentation such as sourcecode and example programs for Visual Basic, C, Delphi and LabVIEW.

The software includes the complete sourcecode of the DMPA3.DLL that controls the hardware via the server program. A custom module allows own calculated parameter spectra, as an example for a 2D position dependent detector a position-dependent energy spectra correction is implemented via a lookup table. A special new FMPA3.DLL including source code with examples like  $F^*(x-x')/(x+x')$  where  $x'$  is marked by a routing bit allows to display calculated spectra including calculated error bars in the MPANT program.

For LabVIEW a demo program and a library containing some basic VIs are delivered.

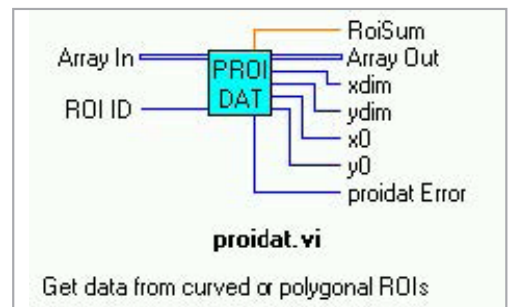
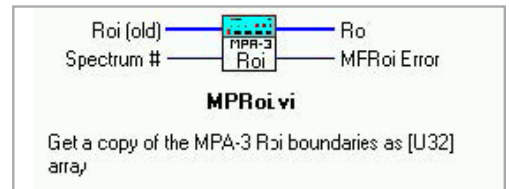
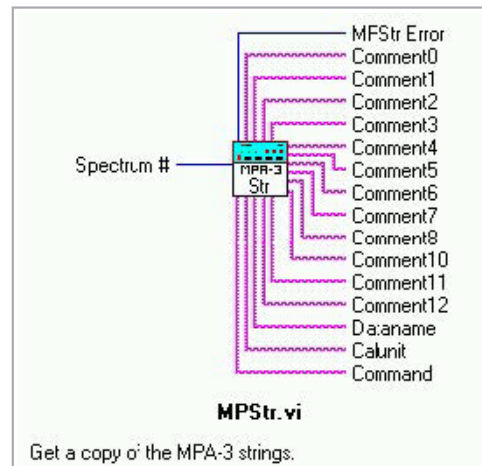
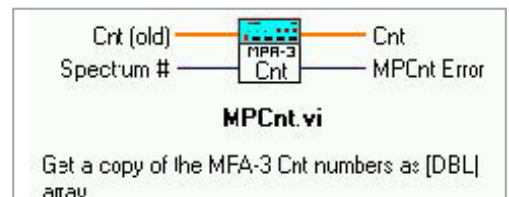


The Visual Basic Demo program



The LabVIEW Demo program

Here are some VIs contained in the VI library MPA3.LLB:



The following MPA-3 additional software products are presently available:

Order Information		
Model	Description	Order No.
MPA-3Rplay	Replay program for off-line reconstruction of spectra from listmode	MP3502
MPA-3RplayEx	Replay program, runs on computer without MPA3 system	MP3504
MPA-3EXTCTL	External Control Software, Commands via TCP/IP and/or RS232	MP3503
MPA3_NTDLL	DLL for LabVIEW / Visual Basic	MP3580