

Model MCA-3A and MCA-3FADC Mobile Application



FEATURES

- Complete mobile data acquisition system
- Three operating modes: **PHA** (pulse height analysis), **MCS** (multichannel scaling) with 1 and 2 inputs and **SVA** (Sampled Voltage Analysis)
- On board ultra fast pulse height analyzing 8k ADC with 500 ns conversion time for Pulse-Height Analysis
- Digital Stabilizer for Gain and Zero stabilization
- Capable to store PHA data in **list-mode**
- PCI-Card Box for easy connection to PCMCIA interface of the attached Notebook
- Compatible Notebook



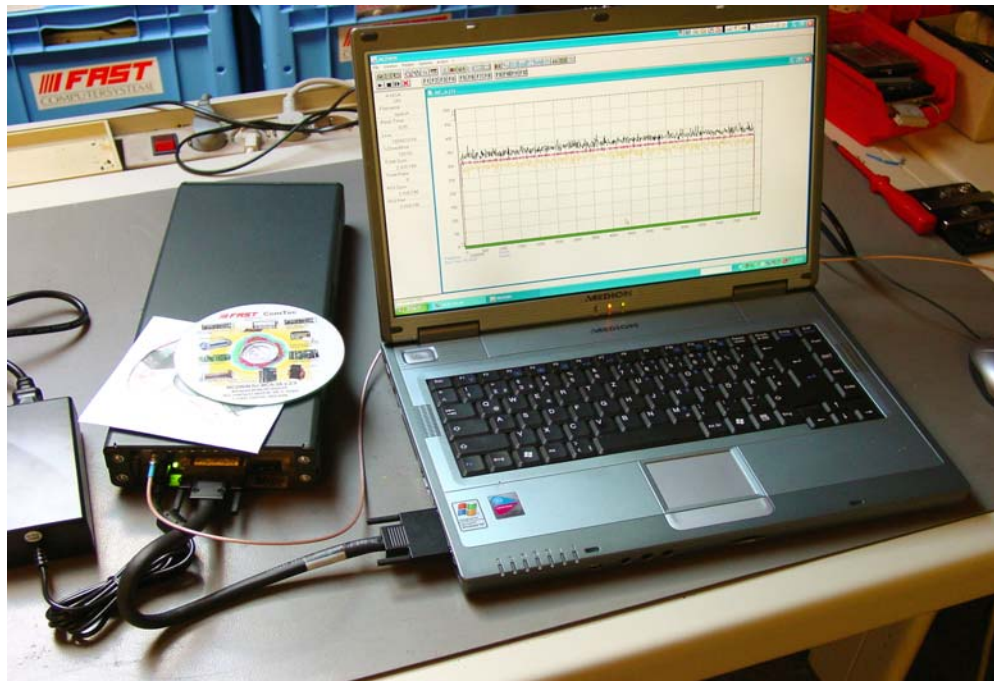
DESCRIPTION

The MCA-3A and MCA-3FADC can now be used in a mobile system consisting of a PCI-Card Box with PCMCIA interface that will work in any compatible Notebook. Our extensive Operating Software is based on the MCDWIN software - a proven - easy to use graphical user interface for mouse and keyboard operation. High resolution display with linear and log scales, autoscaling, ROI, zoom, Gaussian-Fit, FWHM calculation are just a few features MCDWIN offers.

The interactive display software can be set to display spectra with a high resolution, linear- or log scale. Screenshot dumps allow text insertion and graphic editing with a variety of tools. This package also supports all graphic output devices installed under WINDOWS 2000 and XP. The file format is compatible to powerful analysis software packages WINNER, GAMMA-W, SODIGAM, ALPS and other precision analysis software

Typical System Components:

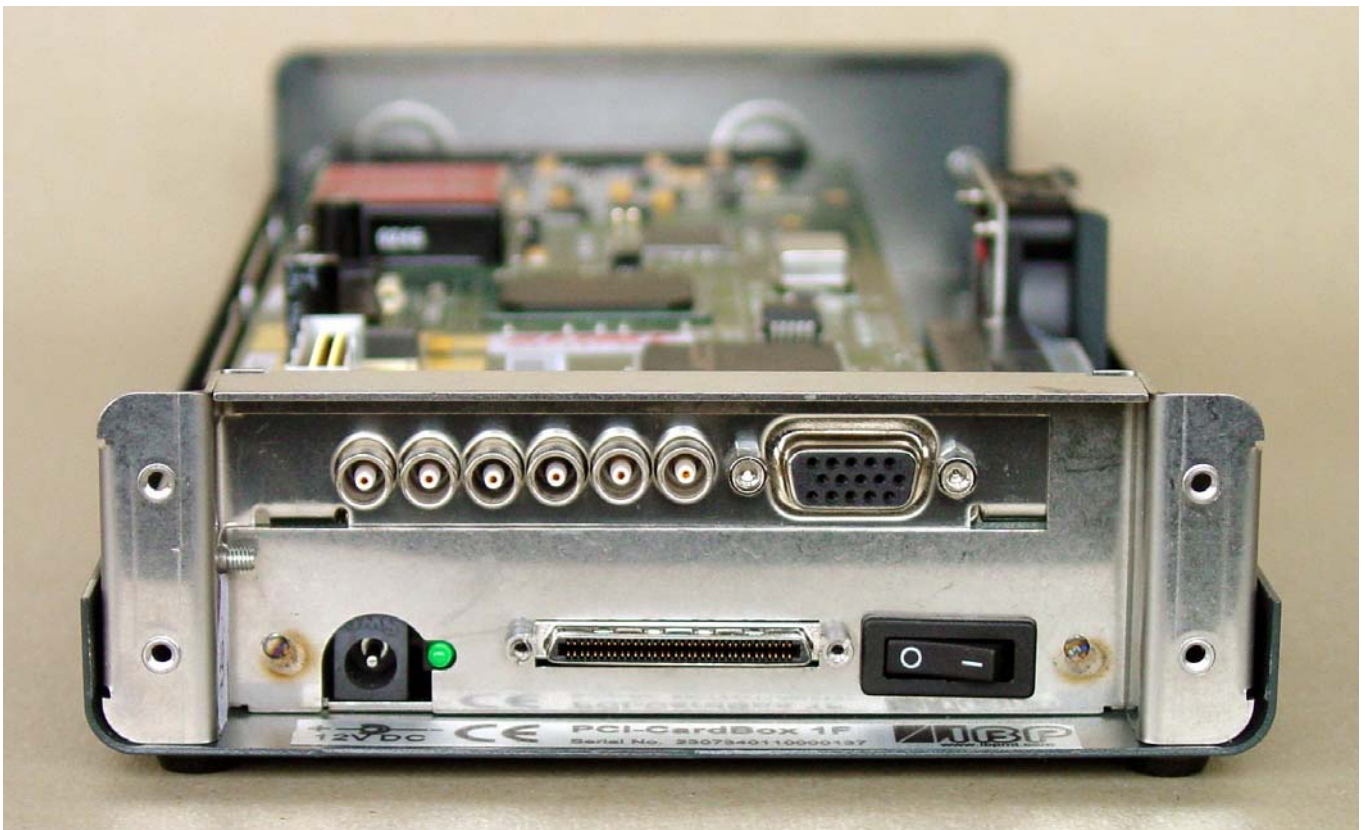
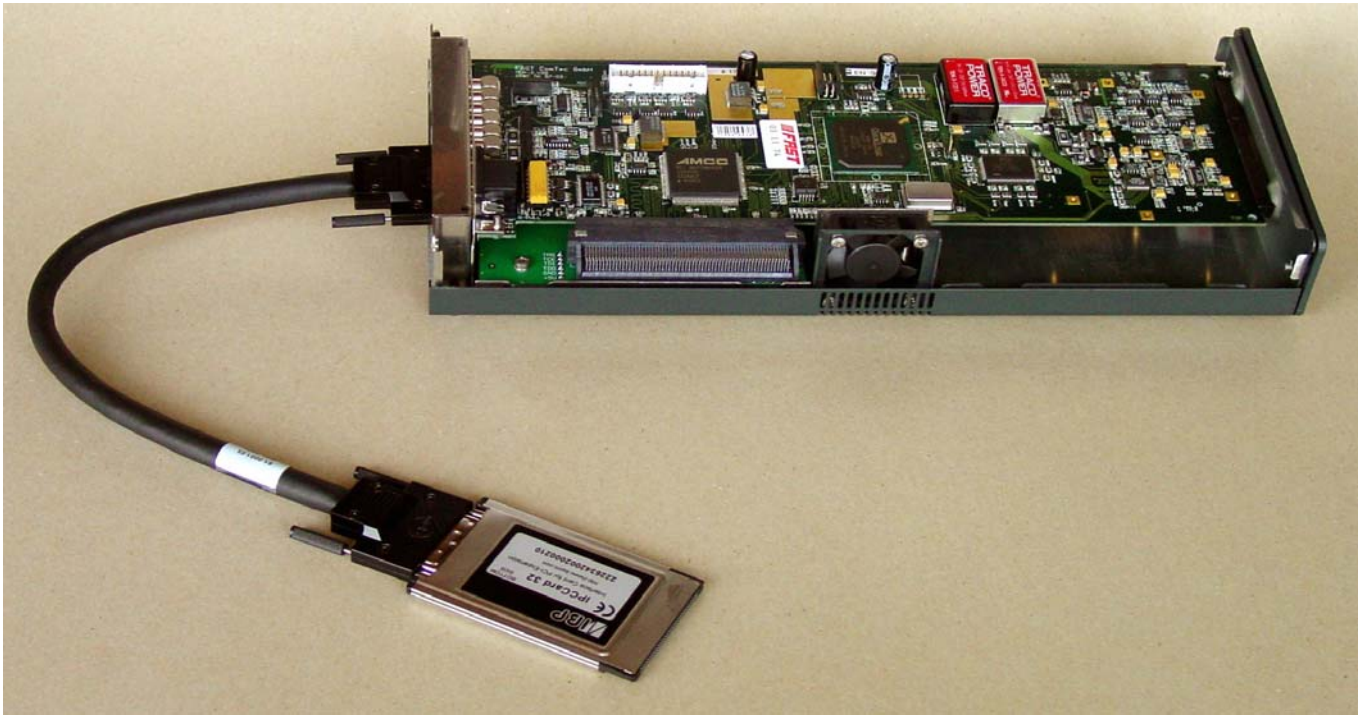
- PCI-Card Box 1F including PCMCIA interface, power supply and software
- MCA-3A or MCA-3FADC with operating software MCDWIN
- Notebook and Analysis Software (optional)



Technical Specification:

- **PCI-Card Box 1F**
- 1 PCI full length
- PCI-Bus Interface
- internal 32 Bit/33 MHz
- full band width 132 MByte/sec. Conforms with „PCI-PCI Bridge Architecture Specification“ Version 1.1
- **Power supply** 12 V DC / 50 Watt / external power supply 110...230 V AC / 50...60 Hz
- **Dimensions** Box 1F: 250 x 140 x 45 mm L x W x H
- **Weight** 3,6 kg incl. MCA-3
- **Scope of delivery** PCI-CardBox 1F, PC-Card-Interface, 0,3m Cable external power supply, manual

MCA-3 Mobile 02032006



For more details on the PCI-Card Box 1F see http://www.ibpmt.com/bus_expansion_e/PCI_bus_expansion_1slot.shtm

For more details on the MCA-3 and MCA-3FADC see the MCA-3 Series Datasheet: <http://www.fastcomtec.com/fwww/mca.htm>