SERVICE NOTE

Installation of DOS based software on Windows operating systems
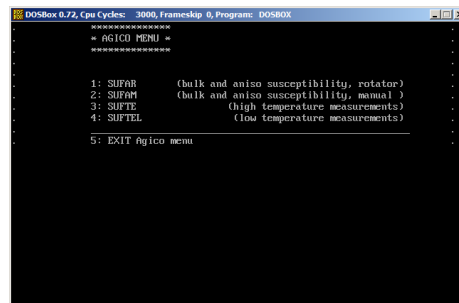
Introduction

Older types of Agico Kappabridges KLY-3, KLY-4 and Agico Spinner magnetometers JR-5 are provided only with the DOS based data acquisition software. We are using freeware MS DOS emulator for Windows called DOSBox, to prevent any compatibility problems between DOS based software and Windows operating systems.

NOTE: this works only on 32-bit Windows operating systems. We cannot guarantee function with 64-bit systems.

Installation and using of the software

The installation of such software is straightforward. Just run the executable file, follow on-screen instructions and the folder `C:\Agico` will be created. This folder will contain DOSBox software, folders with data acquisition software and all other necessary files.

It is quite good to replace all the *.sav files in the new directories with your old ones (if they are available), because your old *.sav files contains your configuration such as calibration standard values or orientation parameters. If the old *.sav files are not available, than you must insert your calibration standard values and your set of orientation parameters into the all programs that you are using (refer to the manuals for your devices).

Software itself starts by clicking desktop icon then the main menu (same or similar as on the picture below) will be shown. After pressing corresponding number (not the F-key) on keyboard, the software will be running as usual, but in the DOSBox environment.

USB/Serial communication converter

New computers are usually not equipped with the serial (COM) port. Best workaround of this problem is to use USB to RS232 (serial communication) converter. This solution works without any problems if correct converter is used. We recommend this particular type: http://www.asix.net/usb_ucab232.htm (manufacturer - ASIX, type - UCAB232)

    Another brand can be used, but the converter MUST be equipped with **FTDI** chip which provide full USB to RS232 conversion. After installing drivers for the converter it is necessary to assign COM port number of such converter to 1 or 2 with respect to the value written in the configuration file.