



MIR Medical International Research has been producing the spiobank G since 1999.

This device is part of MIR001 range including the spiobank which obtained ATS certification November 17 1999 (ATS certificate).

The new version of the spiobank G, launched in November 2007, uses the same method of measurement as the previous version both in terms of hardware (Two sets of infrared transmitters (TX) and receivers (RX) detect the rotation of the rotor within the tube and generate digital impulses, the number of these impulses is directly proportional to the velocity of the air (inspired or expired) passing through the tube. This velocity is a function of the physical form of the two deflectors, and the form of the deflectors cannot change during normal use and software (same algorithm for calculation).

The only differences are relative to the adaptation of the device to include new technologies from 1999 to 2007; therefore the following modifications have been made:

- The device connection has been adapted from RS232 to USB.
- The microprocessor has been adapted for all MIR's latest products.
- The RAM for saving test data has been improved and now allows upto 6000 tests.
- A Bluetooth connection has been added for direct printing.

The modifications made do not in anyway influence the conformity of the device to ATS Standards. For this motive MIR therefore declares that the device spiobank G USB confirms to ATS standards

