The IVTANTHERMO databank [1] created many years ago was based on the experience of the reference book [2] preparation. There are two kinds of software used in the databank: software for users and software for experts. The latest version of IVTANTHERMO for Windows intended for users [3] and new software intended for experts will be demonstrated. The latter allows calculate thermal functions for gases and condensed substances along with other quantities required for reference thermodynamic tables.