

IVTANTHERMO Software for Users and Experts

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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.

- [1] L.V. Gurvich, IVTANTHERMO data bank. Vestnik AN SSSR, No 3, pp. 54-58, 1983.
- [2] L.V. Gurvich, I.V. Veyts, V.A. Medvedev et al., *"Thermodynamic properties of individual substances."* Fourth edition. Editors: Gurvich L.V. et al., Hemisphere Publ. Corp., Begell House and CRC Press, New York, Vol I-III (1989-1994).
- [3] G.V. Belov, V.S. Iorish, V.S. Yungman, IVTANTHERMO for Windows – database on thermodynamic properties and related software. CALPHAD, v. **23**, No. 2, pp. 173-180 (1999).