

Price list January 2008 valid until 31/12/ 2008

SIMU-THERM 6.5 for Windows NT, 2000, XP, Vista

Steady state heat transition calculation up to 30 wall layers. Heat transition coefficients are calculated according to ASTM680 Releases 1986 and 2003, VDI heat atlas. Air gap layers: calculation for static air and free or forced air flow. Calculation includes the heat transfer across the gap by thermal radiation. Impact of combustion atmosphere and heat bridges on heat conductivity

Material management system including a collection of basic refractory material classes. Easy input of your own materials. Print layout and logo can easily be altered. Predefined print forms English, German, French, Italian, Spanish. More languages are easy to add.

Program prices (single license for one computer)

SIMU-THERM 6.5 steady state base program as described € 750,-

Multi-license: In case of purchasing a license for transient simulation we offer 10 licenses of the steady state calculation for the price of one (€ 750).

Program expansions for steady state

Finite Element interface ,SIMU-THERM MD‘ € 1500,-

Create and export two-dimensional steady state models ready to use in Finite-Element software. At present available for ANSYS and COSAR.

Program expansions for transient simulation

Transient simulation - basic module € 1200.-

Basic module for transient simulations. Every wall structure from steady state calculation can be simulated with different time schedules (e.g. heating schedules)

SIMU-THERM PE (ProcessEngineering) package € 400.-

Additional formulas are supplied to calculate heat transfer in special conditions such as heating burners and water cooling systems. External parameters can be used: burner properties, water flow, gas radiation and others.

Heat stress simulation € 600.-

Calculation of steady state and transient heat stress

Heating up and drying simulation € 400.-

Transient simulation of the drying when heating up a fire concrete
Also suitable to simulate fire protection

Steel ladle transient simulation € 950.-

A special input form for the operating mode making the transient simulation of a ladle as fast as the steady state calculation.

Ladle standalone package (transient not required) 1200.- €

Metal container heat and temperature loss € 300.-

Also calculates the impact of preheating container or metal

MS Office expansions: (on request)

Material database in MS Access, printing via MS Excel

Prices for multiple licenses

License No 1	standard price	License No 2-5	50 % discount
License No 6-15	70 % discount	License No 16-XX	free (unlimited number of users)

All degrees of licenses can be used together in the same network.

Services, fixed price on request:

- ODBC connection to a customer's external material data base, e.g. MS-Access, SQL Server, Oracle
- Create SIMU-THERM print forms as determined by the customer
- Technical data of current refractory materials, from producer's information

Training

1 day training in customer's rooms from 4 to 9 hours - price on request