



## THERMOMETRY AND THERMAL CONTROL OF TECHNOLOGICAL PROCESSES AND MATERIALS

The complex of thermometric methods and equipment's is based on the module principle and designated for permanent and periodical control, registration, indication and regulation of temperature regimes of technological processes in foundry, metallurgy, chemical, ceramic, glassy and other production.

For the constant control the complex have different modifications of contact free, light guide and contact steady-state pyrometric systems, which are equipped by universal single-, two- and many canals secondary measuring converters.

The free contact, thermoelectrical and light guide transported digital thermometers and stationary measuring devices are created for periodical control.

In commercial use the complex means provides the control of temperature in the range between 0 and 1800°C, with errors not exceeding 1,0%, and efficacious control of heat processes resulting in a reduction of the power consumption and burning out of the charge, in a elimination of the rejects and accidents linked with temperature conditions faults in processes, an increase in lining working term and in furnaces productivity.

