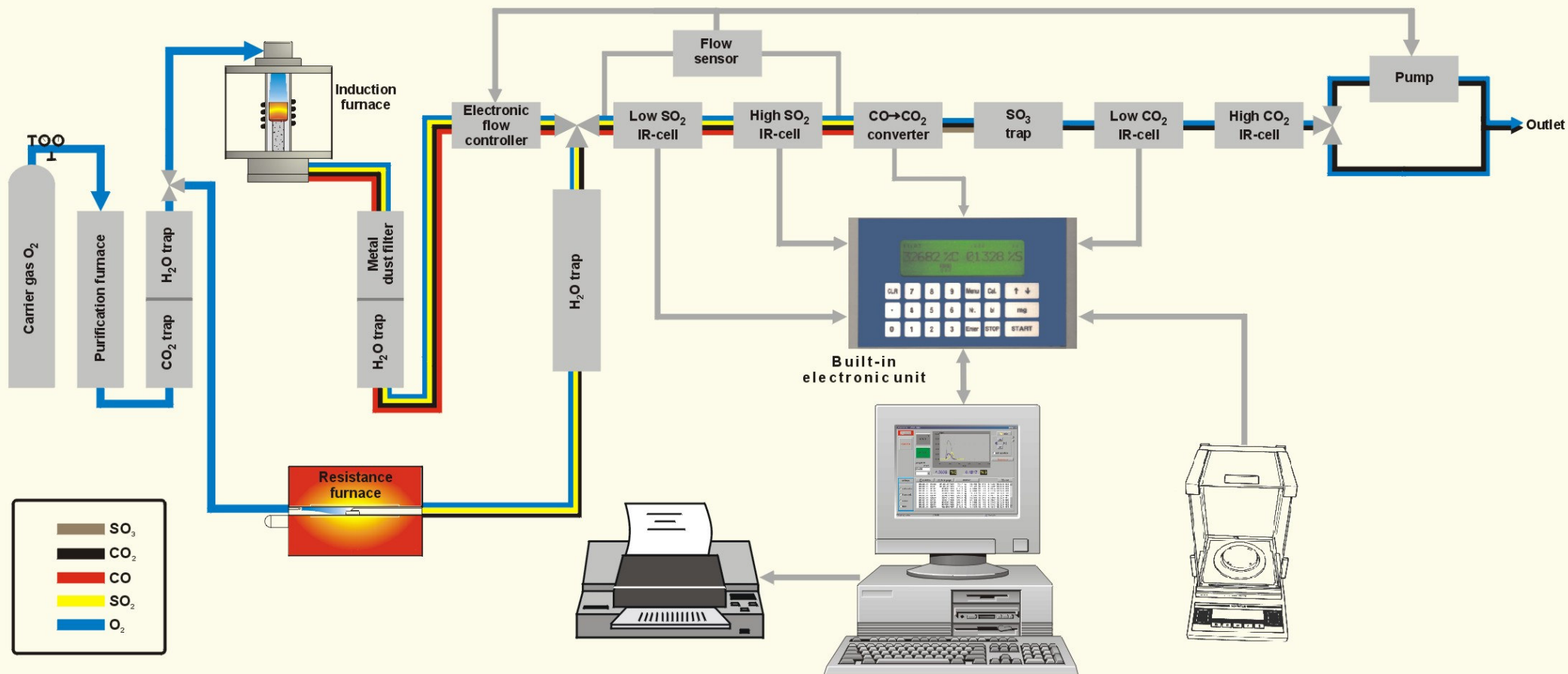


# ELTRA CS-2000 Double Dual Range Carbon / Sulfur Determinator



## System overview

The CS-2000 automatic analyser incorporates the latest in combustion technology. It is designed for the rapid simultaneous determination of carbon and sulfur in steel, cast iron, copper, alloys, ores, cement, ceramics, carbides, minerals, coal, coke, oil, ashes, catalysts, lime, gypsum, soils, rubber, leaves, soot, tobacco, waste, sand, glass, etc.

The CS-2000 can be supplied with up to four independent infrared cells. The sensitivities of the cells resp. the IR-absorption lengths can be individually selected to offer optimum precision for the analysis of high and low levels of both, sulfur and carbon. The CS-2000 features a 16-bit microprocessor, a high temperature resistance furnace up to 1550°C, an induction furnace and solid state infrared detectors with auto zero and auto range control. Separate cabinets eliminate any influence of temperature between the resistance furnace and the analytical unit. This modular design gives the user flexibility to position the resistance furnace to the left or right of the analyser and also allows the installation of a TIC-module between the two. The modular design makes servicing much easier compared to single cabinet analysers.