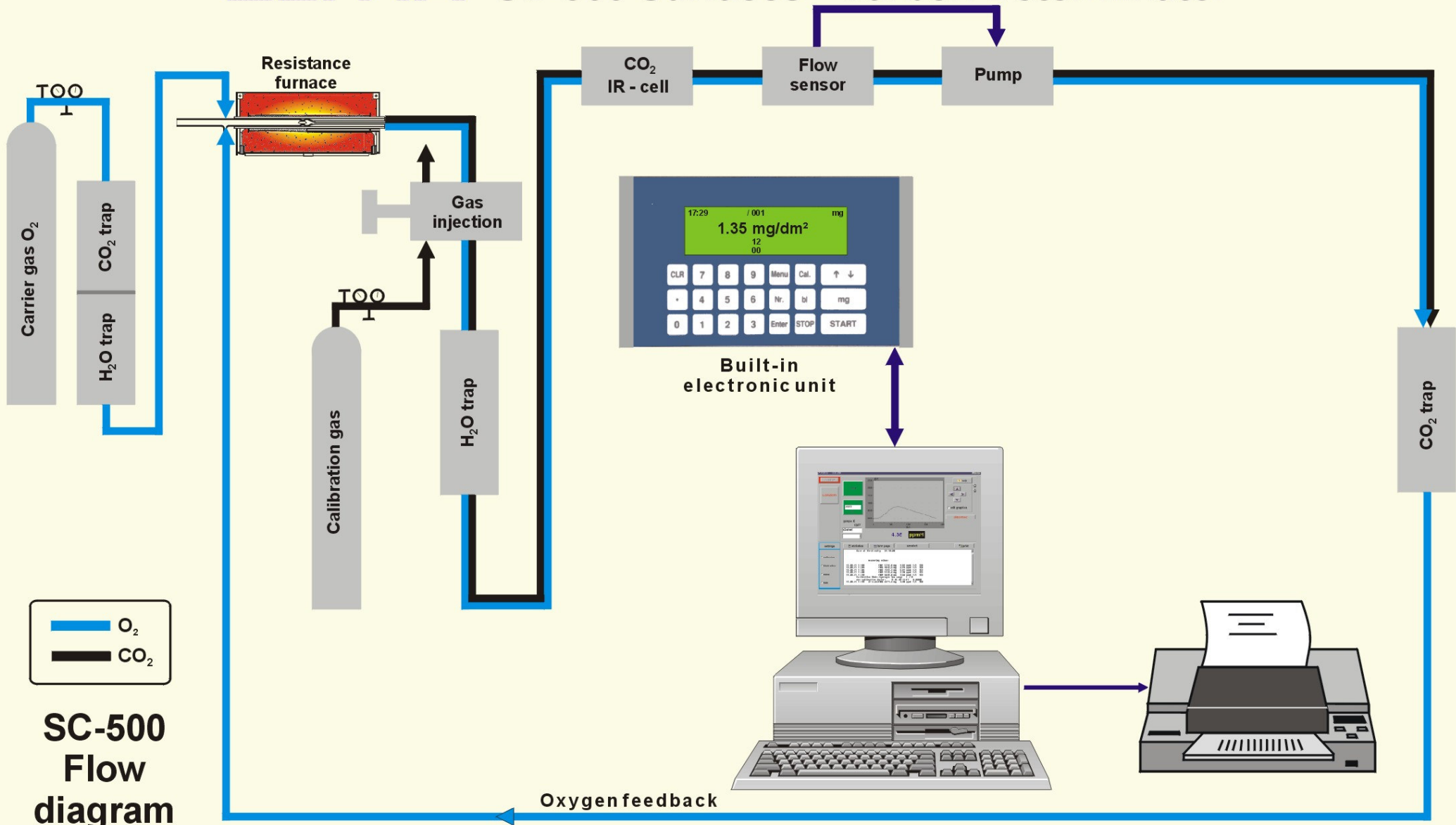


# ELTRA SC-500 Surfaces - Carbon Determinator



## Description

The SC-500 is designed for the determination of carbon on the surface of metals, ceramics, glass, etc. using up to date combustion technology. The detection method is infrared absorption of CO<sub>2</sub>. The SC-500 can be supplied with two independent infrared cells. The sensitivity of these cells can be customized to meet specific requirements. The IR-absorption lengths can be individually selected to offer optimum precision for the analysis of high and low levels of carbon. The SC-500 features a 16-bit microprocessor, a high temperature resistance furnace and solid state infrared detectors with auto zero and auto range control. Separate cabinets eliminate any influence of temperature between the furnace and the analytical unit. This modular design gives the user flexibility to position the furnace to the left or right of the analyser. The modular design makes servicing much easier compared to a single cabinet. analyzers.