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ANALYSIS SYSTEM

Abstract

An analysis system, in particular for medical analysis work for carrying out clinico-chemical and immunological analyses, comprises an analysis appliance and at least one system-reagent carrier. The analysis appliance comprises at least one rotor which can be driven in controlled rotation, first holding devices for reagent vessels, second holding devices for sample vessels, a lifting/pivoting device, which is provided with a pipetting device, can be driven in a controlled manner and can move towards and away from the rotor along a pivot path, a washing station for the pipetting device, a detector device and a control device for controlling the drive of the rotor and the drive of the lifting/pivoting device, and for controlling the operation of the pipetting device and the detector device. At least one sample vessel can be placed on the pivot path of the pipetting device. The first holding devices are provided in the rotor, which forms a reaction rotor, and are designed to hold measuring cuvettes. The detector device is situated in the area of a corner position of the reaction rotor, so that the analysis takes place in a measuring cuvette which is located in the rotor. The system-reagent carrier has at least one cuvette which is prefilled with a test-specific, preformulated, wet-chemical system reagent, as well as the measuring cuvette.