Abstract

The invention concerns a test element analytical system for the analytical examination of a sample, especially a body fluid, comprising at least one test element with one or more measuring zones and contact areas located on the test element, in particular electrodes or conductor paths, the sample to be examined being brought into the measuring zone to carry out an analysis in order to determine a characteristic measured quantity for the analysis, and an evaluation instrument with a test element holder for positioning the test element in a measuring position and a measuring device for measuring the characteristic change, the test element holder containing contact elements with contact areas which enable an electrical contact between the contact areas of the test element and the contact areas of the test element holder, characterized in that one of these contact areas is provided with an electrically conductive hard material surface. The solution according to the invention comprises in particular the coating of a contact area of the contact connection of a test element analyzer with an electrically conductive hard material.