



RapiTek

The RapiTek by Alwex is an universal mobile analysis device for the qualitative and quantitative analysis of lateral flow assays (LFA) for point-of-care diagnostics such as cancer and heart disease diagnostics or drug screening. As a universal device platform, The RapiTek can be adapted to all common LFA test formats based on color change. Close cooperation with test manufacturers is desirable in order to allow for an optimal and individual configuration of the device for the corresponding test.

The core of the device is a high-resolution 2-dimensional CCD sensor in the camera, as well as an internal micro-controller for direct image analysis. Algorithms specially integrated in the software prevent from faulty measurements or the display of incorrect results. The measurement, which is completely independent of external calculation technology, can be conducted quickly by means of the intuitive, multi-lingual user interface. Results are clearly shown on a 4.3 inch color display. The device itself can be used without a PC and unites all necessary functions for conducting the test. The entry and saving of patient data, test implementation, and the management of results is possible within the device, as is the transfer of this data by means of a USB connection to an external PC or printer. An internal power supply by means of a battery allows for the device to run up to 8 hours.

- DEDIACARD Cardio.
- Troponin I.
- D-Dimer .
- FOB (fecal-occult blood).
- Microalbumin
- Influenza A/B .
- DEDIATEST Ebola.
- Strep A.
- Histo H.p..
- Helicobacter pylori .
- Male Fertility.
- Iron deficiency .
- Drugs of abuse.
- Gluten intolerance.
- Allergy detection.