

ABL90 FLEX PLUS analyzer

17 critical parameters from a blood sample as small as 45 µL

Test menu

pH, pCO₂, pO₂, sO₂, ctHb, FO₂Hb, FCOHb, FMetHb, FHHb, FHbF, cK⁺, cNa⁺, cCa²⁺, cCl⁻, cGlu, cLac, ctBil

When the sample size is small but your diagnostic needs are big, the ABL90 FLEX PLUS blood gas analyzer provides critical insights in less than 60 seconds.

The ABL90 FLEX PLUS blood gas analyzer is designed for point-of-care testing in busy clinical environments, such as the ED, ICU, NICU or the delivery room where fast results from a very small blood sample are vitally important to make critical diagnostic decisions. The ABL90 FLEX PLUS analyzer offers automatic opening and closing of the inlet for both syringes and capillary tubes, reducing manual steps to a minimum. A dedicated Micromode measurement for capillary tubes provides 17 critical parameters with a sample as small as 45 µL.

Fast results and high uptime

- 35-60 seconds to results for 17 acute care parameters
- High uptime of more than 23,5 hours per day
- Throughput of 44 samples per hour

Small sample volume

- Dedicated 45 µL Micromode measurement for capillary tube samples
- Less than 60 seconds to results in Micromode for full parameter profile
- Results in 35 seconds on all parameters with a sample of 65 µL for standard syringes and capillary tubes
- Short probe position for low-volume samples

Complete flexibility

- 100, 300, 600, 900 and 1200 test cassettes
- Portable or with rolling stand
- Fully operational on internal battery
- Syringe, capillary and test tube without adapter

Easy to use

- Instructional videos for easy on-screen user guidance
- Automatic opening and closing of inlet
- Selection of sample type on large touch screen
- Automatic and standardized mixing prior to analysis

Easy to maintain

- Up to 30 days in-use lifetime of consumables
- Smart chips simplify installation
- Remaining tests from consumables can be used on another ABL90 FLEX analyzer
- Automatic detection and removal of obstacles such as clots

Regulatory compliance

- Automatic quality control
- Dedicated QC solutions for correct quality control
- Continuous system and analysis checks
- Automated corrective actions

Data integrity

- Communication protocols
- Full IT connectivity to the AQUIRE point-of-care management system

1st Automatic ready

- Scan and link together sampler and patient IDs at the bedside
- Automatic and standardized mixing prior to analysis
- Patient test results are automatically sent back to patient bedside and stored in patient record

