

Gel Card (Microcolumn Gel Immunoassay)

- High sensitivity, effectively detect weakly agglutinated samples
- Stable results for long-term storage
- Just need a small amount of sample
- Standard operation with fully-automated instruments

ABO/RhD and Reverse Card 1 test	ABO/Rh and Reverse Card 1 test	ABO/Rh(2D) and Kell Card* 1 test	ABO/Rh(2D) Card* 1 test
ABO/RhD Card 2 tests	ABO Card 4 tests	ABO/Rh Card 1 test	Rh Card 2 tests
Coombs Card 8 tests for DAT 2 tests for IAT 4 tests (combined)	Neutral Card 4 tests	Anti-K Card* 8 tests	Newborn Card* 1 test



Aigal Mini

Automated Blood Grouping Analyzer

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Aigel Mini Blood Grouping Analyzer is dedicated for Aikang's microcolumn gel cards. It is compact and convenient, with high integration and high sensitivity. It can detect low-level antigens and antibodies. The results are clear and reliable, easy to save, and meet various data management requirements. Tests supported include ABO forward and reverse grouping, Rh phenotype grouping, crossmatching, irregular antibody screening, etc.

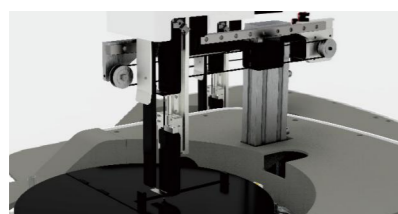
Sample Rack / **easy loading**

- 24 sample positions, 3 racks, 8 tubes/rack
- Automatic sample barcode scanning
- Direct loading of primary sample tubes



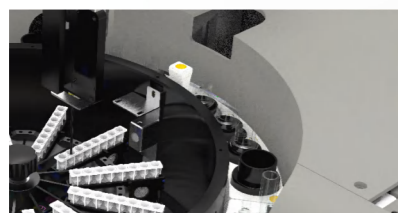
Sampling Module / **precise**

- Sampling volume of 5-1000ul
- Sampling by precise liquid displacement technology
- Sensitive liquid level detection and clot detection
- Teflon-coated permanent steel probe
- Inner and outer washing of probe, carryover rate $\leq 0.1\text{ppm}$



Reagent Rack / **gentle mixing**

- 6 RBC reagent positions, 2 diluent positions
- Direct loading of primary reagent bottles for convenient use
- The unique eccentric rotary mixer ensures the reagents mixing thoroughly to avoid RBC damage



Aigel Mini Automated Blood Grouping Analyzer



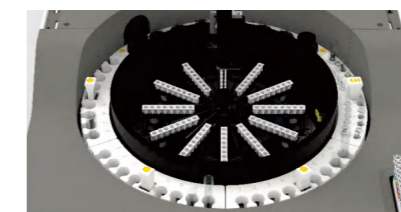
24
cards/hour

Technical specifications

- 1 mechanical arm
- 1 sampling probe
- 24 sample positions (3 racks, 8 tubes/rack)
- 1 centrifugal incubator (12 card positions)
- 1 dilution rack (24 tube positions)
- 1 reagent rack (6 for RBCs, 2 for LISS)

Centrifugal Incubator / **highly integrating**

- 12 card positions for sample addition, centrifuge and incubation
- Auto symmetrical card placing, high centrifugal efficiency
- Adjustable rotate speed of 0-2000r/min for different cards
- Wide range of incubating temperature from room temperature to 60 °C



Card Reader / **reliable**

- High-definition color CCD digital imaging technology
- Accurate and reliable test results with the precise result analysis system
- Automatic uploading of data and raw result images to LIS/HIS system
- Permanent storage of original result images for query and traceability



Operation System / **easy to use**

- Built-in touchscreen and printer
- Windows operating system, support batch processing
- Test result review and report printing available
- Bidirectional LIS/HIS connection available

