

# Arkray

## Automatic HbA<sub>1c</sub> analyzer

### The Lab 001

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## Why Choose?

Choose The Lab 001 for cutting-edge diabetes testing with quick 90-second results, minimal patient discomfort, and superior detection—including hemoglobin variants—trusted by modern clinics and hospitals.

- "HbA<sub>1c</sub> results in just 90 seconds—even for variants."
  - "Only 1.5 µL sample needed—minimizes patient discomfort."
  - "Capillary electrophoresis ensures highly accurate results every time."
  - "Compact analyzer—fits small and medium clinics perfectly."
  - "No calibration or liquid waste—just easy cartridge use."
  - "Hemoglobin variant detection included in every test run."
  - "Disposable room-temperature cartridges for technician convenience."
  - "Effortless, reliable HbA<sub>1c</sub> testing—simple as one step."
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## Unique Selling Points

- **Ultra-Fast Results:** Complete HbA<sub>1c</sub> measurement in approximately 90 seconds per sample.
  - **Minimal Sample Volume:** Only 1.5 µL of whole blood required—enables painless fingertip sampling and pediatric use.
  - **Capillary Electrophoresis Technology:** Ensures highly accurate hemoglobin fractionation and built-in variant detection (HbF, HbE, HbD, HbS, HbC).
  - **Compact, Portable Design:** Fits any clinical workspace at 220 mm × 326 mm × 298 mm; weighs only 10 kg.
  - **Disposable Cartridge System:** Room-temperature reagent cartridges simplify logistics and save technician time.
  - **No Calibration or Liquid Waste:** Reduces maintenance needs and daily inconvenience for laboratory staff.
  - **Simple One-Step Operation:** Apply blood to cartridge, insert, and get clear electropherogram results.
  - **Variant Peak Visualization:** Each test provides clear information on variant hemoglobin status to guide clinical decision-making.
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# Clinical Benefits for Hospital Laboratories

- **Patient Comfort:** Ultra-low sample volume and quick turnaround minimizes patient discomfort and improves workflow efficiency.
  - **Accurate Results Across Populations:** Reliable measurement for patients with hemoglobin variants that can interfere with standard HbA1c tests.
  - **Integrated Workflow:** Supports LIS integration and digital printouts for streamlined lab operations and record-keeping.
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## Emergency Testing Performance

- **Rapid Confirmations:** Delivers HbA1c results in under two minutes, enabling fast decision-making in urgent diabetes care settings.
  - **Comprehensive Analysis:** Every run includes built-in variant detection for complete patient evaluation in emergencies.
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## Why Hospitals Choose

- **Proven, Portable Precision:** Market-leading technology for accurate HbA1c and hemoglobin variant detection in a compact analyzer.
  - **Real-World Convenience:** Disposable cartridges and simple operation make it ideal for busy clinics and laboratories.
  - **Best-in-Class Patient Care:** High speed, reliability, and ease-of-use enable superior diagnostic performance for diabetes management.
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## Transform Your Laboratory Today

Upgrade with The Lab 001 to deliver instant HbA1c results, variant detection, streamlined operation, and patient-friendly diabetes testing — perfect for modern clinics, hospitals, and outreach environments.

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