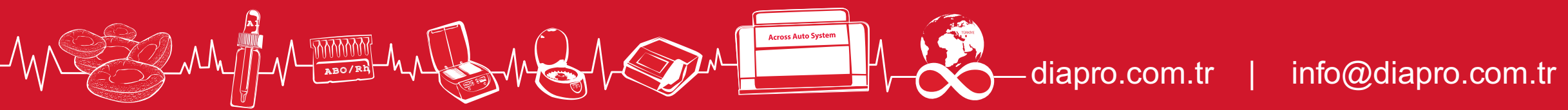# Dia Pro®

octo-hawk

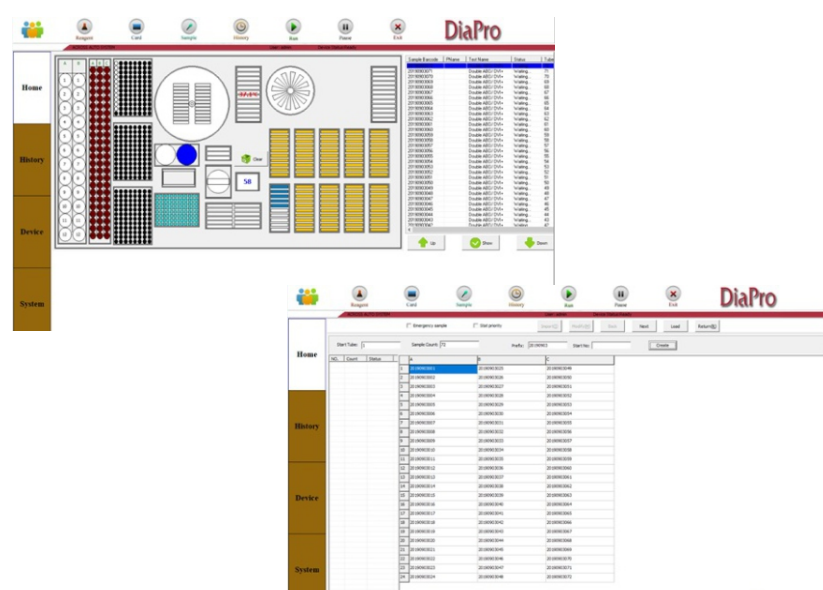# octo-hawk

Autoanalyzer That Your Laboratory Needs

Testing Methods

TECHNICAL FEATURES AND CAPACITY
- Two independent pipetting probes,
- Independent carrier arm,
- Internal and external barcode reader for identification of samples, cells and reagents to the system,
- 100 Across Gel® loading area,
- 3 x 24 sample loading,
- 2 x 12 RBC loading,
- 3 x 96 pipette tips loading,
- 2 loading areas for 100 ml Across LISS ang/or Across Bromeline loading,
- 1 x 96-well dülution plate,
- 12 Across Gel® card capacity incubator area (37 degrees),
- 12 Across Gel® card capacity incubator (room temperature),
- 12 Across Gel® car capacity centrifuge,
- Card waste area,
- Pipette tip waste area.

- Across Auto System octo-hawk is to intuitively organize the work of 12 Across Gel® card capacity incubators ans 12 Across Gel® card capacity centrifuge areas to ensure that tests are completed in the shoetest time possible.
- Besides having a large test panel, new test panels can be added according to your laboratorys needs.
- Weak D / Partial D, Lectin A1, Anti H, Antibody Titration etc. tests can run automatically.
- It can reach an average speed of 300 tests per hour.

TEST METHODS
- Forward Grouping
- Forward & Reverse Grouping
- Reverse Grouping
- Rh and Rh Grouping
- Direkt Coombs
- Cross Match
- Antibody Screening
- Antibody Identification
- Antibody Titration
- Weak D / Partial D
- Minör Antigen Tests

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What It Can Offer

- Across Auto System octo-hawk allows two tests to be run simultaneously with it's 2 (two) independent probes.
- Across Auto System octo-hawk can perform all steps as walk-away in accordance with test procedures after loading auxiliary materials to be used with the loaded samples;
  - Suspension Preparation
  - Pipetting Precess
  - RBC Cell Distribution
  - Incubation Process
  - Centrifuge Process
  - Automatically reading and evaluating test cards
  - Sending used products to waste
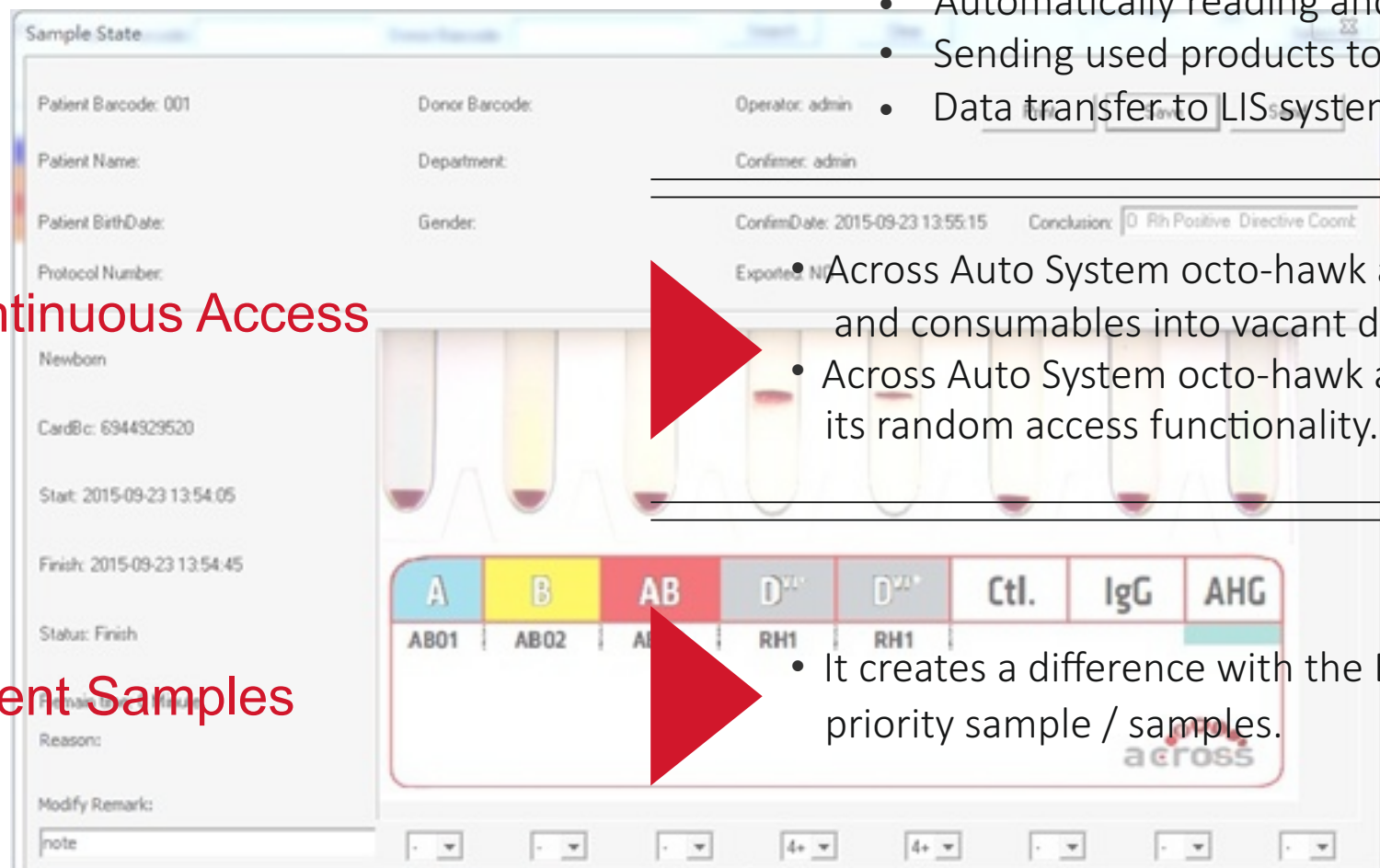 - Data transfer to LIS system

Continuous Access

- Across Auto System octo-hawk allows you to load cards, samples, reagents, solutions and consumables into vacant desired positions with its user-friendly design.
- Across Auto System octo-hawk allows you to load different test simultaneously with its random access functionality.

Urgent Samples

- It creates a difference with the Emergency – Stat sample entry feature for your priority sample / samples.

Control and Security

- It can automatically evaluate the reactions based on the original images of the tests that have been worked on.
- It can transfer the test images to the LIS database if requested.
- It can automatically send test results to the LIS database.
- Password protection feature available.
- It identifies the user ID, date and time in the changes made to the test results.

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Sample and System Security

- Across Auto System octo-hawk ensures the continuity of the process with the security process in case of intervention in the system, such as removing the sample rack during operation.
- Level Detection.
- Clot Sensor.
- Sample ans Solution Cap Sensor.
- Cover Sensor for Operational Safety.

Real-Time Tracking and LIS

- Across System octo-hawk provides information about the status and remaining times of loaded tests in real time.
- Across System octo-hawk can report numerically according to single or multiple test types within desired dates. It will help you to measure your performance during the usage period.
- Across System octo-hawk, with biderectional automation connectivity;
  - It can get the test information of the loaded samples from the LIS database.
  - If required, other data of the samples can be obtained from the LIS database.

User and Environment Friendly

- Across Auto System octo-hawk, with dry-system and disposable pipette tips used in suspension preparation and distribution;
  - Does not produce liquid waste
  - No need for washing and cleaning controls of pipetting probes in Daily/Weekly/Monthly maintenance processes
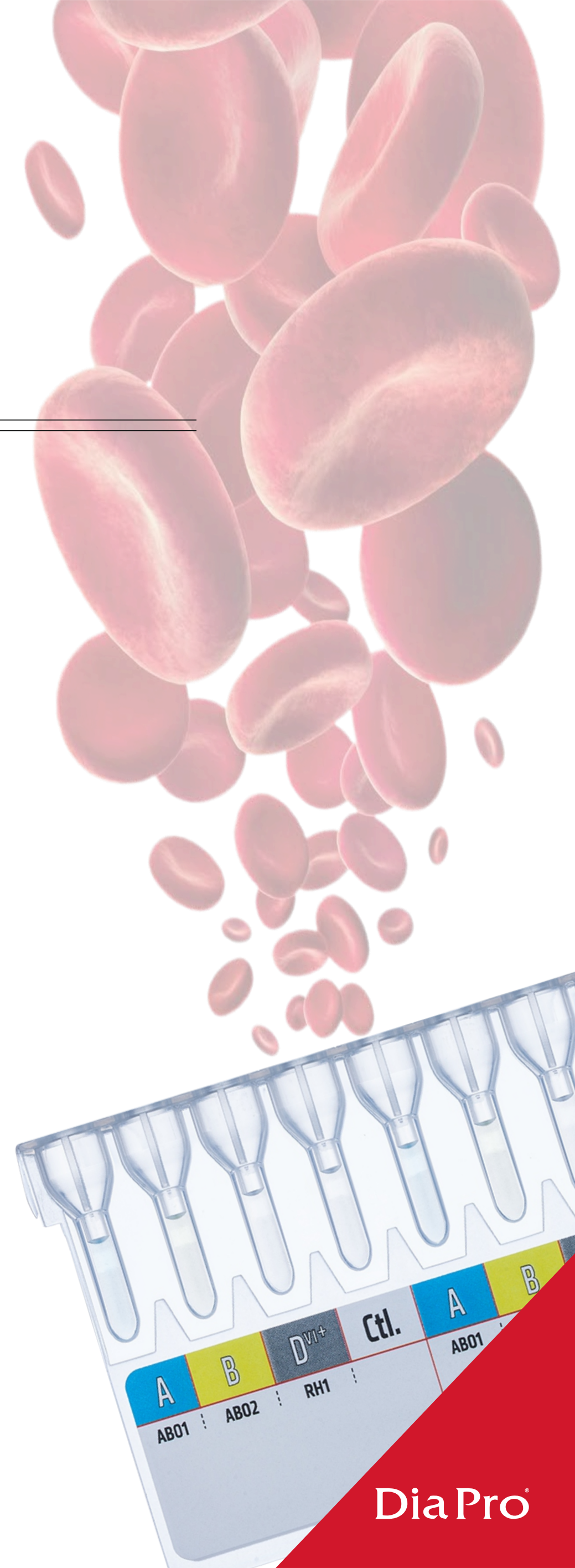
Remote Access and Language Support

- Remote Access an feature.
- Multilingual operating system.

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Technical Specifications

- Across Auto System octo-hawk, dimensions;
  - 1420 mm Width
  - 800 mm Depth
  - 880 mm Height
  - Weight 220 kg

Ergonomic Design

DiaPro
Tıbbi Ürünler Sanayi ve Ticaret A.Ş.

TK1782

98 / 79 / EC Numaralı IVD direktifleri uyarınca CE uyumludur.