

Test Menu

Full compatibility with Medcaptain and Redcell brand gel cards via a wide card panel. All reagents and gel cards are supplied in their original sealed packaging and contain complete and necessary information.

Forward ABO Patient

A	B	D	Ctl	A	B	D	Ctl
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Forward/CDE

A	A1	B	AB	DVI-	DVI+	CDE	Ctl
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Forward AB Plus

A	B	AB	D	A	B	AB	D
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Forward/Reverse Donor

A	B	AB	DVI+	K	Ctl	A1cell	Bcell
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Forward/Reverse

A	B	AB	DVI-	DVI+	Ctl	A1cell	Bcell
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Comp/Cross

A	B	D	Ctl	Enz	Enz	AHG	AHG
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Newborn

A	B	AB	DVI-	DVI+	Ctl	AHG	IgG
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Rh Phenotype

C	c	E	e	C	c	E	e
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Rh Phenotype Plus

C	c	Cw	E	e	K	DVI+	Ctr
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A1 Gel

A1	A1	A1	A1	A1	A1	A1	A1
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H Gel

H	H	H	H	H	H	H	H
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AHG

AHG	AHG	AHG	AHG	AHG	AHG	AHG	AHG
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IgG

IgG	IgG	IgG	IgG	IgG	IgG	IgG	IgG
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DAT Screen

IgG	C3d	AHG	Ctl	IgG	C3d	AHG	Ctl
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DAT Duo

IgG	C3d	IgG	C3d	IgG	C3d	IgG	C3d
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Neutral/AHG

NEUT	NEUT	NEUT	NEUT	AHG	AHG	AHG	AHG
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Neutral

NEUT	NEUT	NEUT	NEUT	NEUT	NEUT	NEUT	NEUT
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48 Gel Cards/Box

Storage Conditions: 2-24°C

12-month shelf life

Reader



High-quality image
Precise interpretation algorithm
Warning feature for abnormal results

Incubator



24 gel card capacity
Audible alarm
Two independent heating zones

Centrifuge



24 gel card capacity
Audible alarm
Automatic lid opening system
Balance sensor



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EN BT-70-6P-Version 1.3-20251022

DISTRIBUTOR:



BT-70
Fully Automated Blood
Grouping System



Sample Management

- 96-Sample Loading
- Automatic Barcode Scanning
- Continuous Loading without Test Interruption
- Emergency/STAT Sample Input
- Capability to Work with Primary Tubes



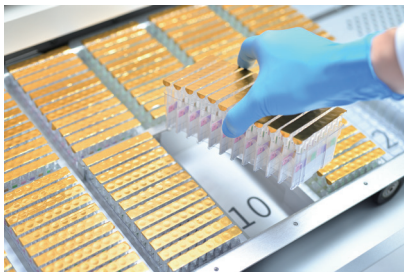
Reagent management

- 14 Reagents + 2 LISS Positions
- Lot Expiry Tracking with Barcode Scanning
- Continuous Loading Without Test Interruption
- Automatic Erythrocyte Suspension Preparation & Reagent Volume Monitoring
- Refrigerated Reagent Compartment (Optional)Automatic Cell Mixing



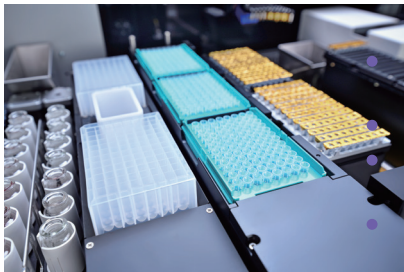
Gel cards management

- 240 Gel Card Capacity
- Lot Expiry Tracking via Barcode Scanning
- Gel Card Loading with Original Case
- Automatic Pre-centrifugation Option
- Real-Time Monitoring
- Continuous Loading without Test Interruption



Consumables management

- 288 Disposable Pipette Tip Capacity
- 192 Dilution Wells (2 Microplates)
- Continuous Loading without Test Interruption
- Real-Time Monitoring
- Improved Washing Solution



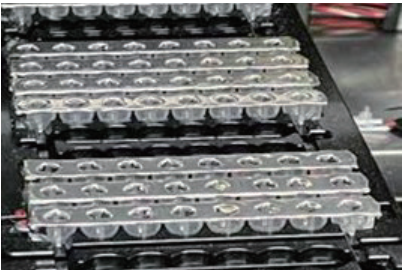
Pipetting system

- Two High-Quality Robotic Pipetting Arms
- Disposable Pipette Tips to Prevent Contamination
- Liquid Level Detection
- Clot Detection



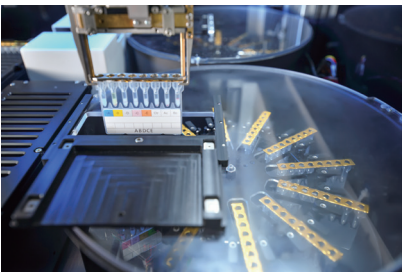
Incubation System

- 12 + 12 Temperature-Adjustable 37°C and Room Temperature Incubation Zones
- Real-Time Temperature Monitoring of Incubation Module



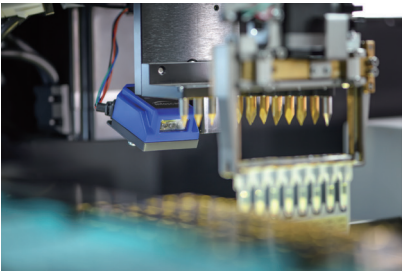
Centrifuge System

- 24 Gel Card Capacity
- 2 Separate Centrifuge Modules
- Adjustable Centrifuge Speed up to 3000 RPM



Testing and Interpretation

- High-quality Bidirectional Imaging for Gel Cards (double-sided imaging)
- High-Precision Interpretation Algorithm
- Intelligent Warning System for Invalid and Weak Reaction Results
- Positive Identification via Barcode Matching before and after Processing



Advanced Software-Based Full Automation

- Extensive Menu (Scheduled QC Run Alert, Automatic QC Compliance Approval...)
- Password-Controlled User Login
- Emergency Sample Entry Feature
- Remaining Time Tracking for Analysis
- Filtering of Test Results and Extensive Archive
- Automatic Reflex Testing (Antibody Titration, Weak D)
- Automatic Inconsistent Result Check and Warning Feature
- Two-Way Communication and Uploading of Image-Based Results to LIS
- Multiple Language Support
- Random Access
- Scheduled Automatic Maintenance Management
- Compatibility with the Laboratory Waste System
- Priority Given to Unused Cards
- Fully automatic analysis and result generation requiring no intervention once analysis has commenced
- Archiving of Test Results with Original Images
- Option to Process Samples Individually or Simultaneously
- Missing Product Warning When Starting a Test
- Remote Access
- Test Speed of 50 Forward/Reverse Tests per Hour