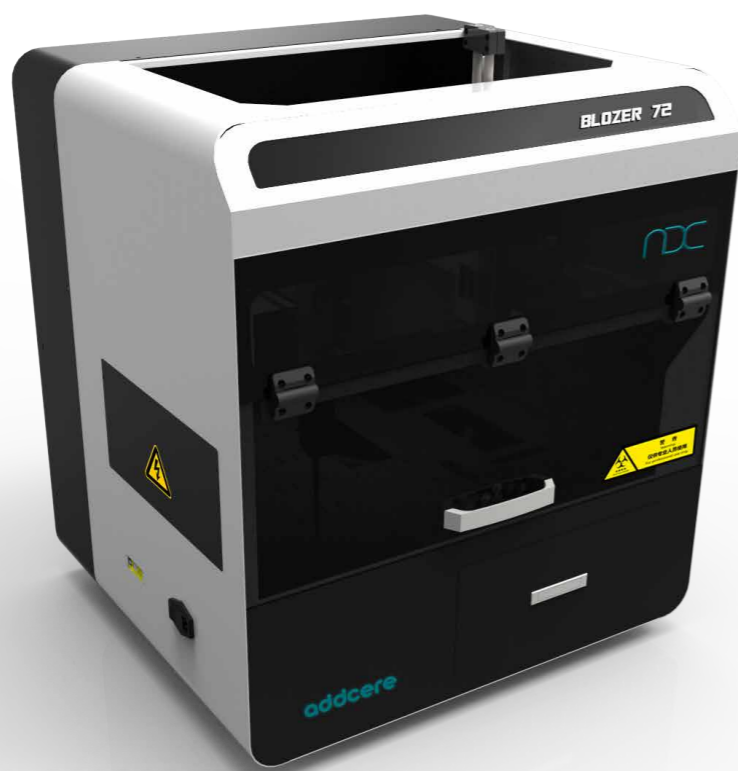


**BLOZER 72**  
**LEPU Gelcard**  
blood grouping & screening systems  
compact/ state of the art/ affordable  
**OEM & Custom Development**  
systems tailored to special applications



Innovative technology for your liquid handling applications

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The content of this brochure is for reference only. For further information on technical details, specifications and applications please contact your local Lepu representative. The content of this brochure can be updated without prior notice. Lepu reserves the right of final interpretation.



**LEPU Gelcard**  
Convincing performance  
Compact benchtop design  
Stable reliable intelligent robotic arm  
Intuitive and flexible software  
Integrated back-up system  
Advanced technology  
Attractively priced

General	Fully automated Blood grouping system BLOZER 72
<b>Test Menu</b>	Blood grouping/ reverse grouping/ phenotyping/ crossmatching/ antibody screening/ antibody identification/ direct AHG test(DAT)/ single antigens/ Rh(D) Rh(CcEe)/Newborn-ABO-Rh/ Rh/k/ ABO DD/Kell/ AHG Polyspecific/ ADK and etc.
<b>Typical throughput</b>	up to 30 cards/ hour
<b>Transfer arm / gripper</b>	1 (transfer card)
<b>Pipetting channels</b>	1 (800µl disposable plastic tips, non conductive, low cost, Liquid level, clot, empty tube detection)
<b>Pierce module</b>	12 cards position
<b>Tips rack capacity</b>	192 tips (2 positions, each can hold 96tips)
<b>Pipetting range</b>	Range: 10 to 800ul
<b>Sample tube capacity</b>	20×3=60 samples (standard tube diameter 13mm, Maximum tube height 100mm) or 1 sample rack( 20 position) & 1 red cell rotation rack (12 vial position)
<b>Sample types</b>	centrifuged whole blood/ packed red blood cells/ 3-5% and 0.8% red cell suspensions/serum or plasma
<b>Reagent module</b>	2 diluent / 2 control position / 3 cell suspension
<b>Diluted position</b>	96 deep well plate
<b>Incubation module</b>	12 cards position (RT - 50 °C adjustable at an increment of 0.1 °C)
<b>Centrifuge</b>	12 cards position (maximum speed 3000r/min, Centrifugal time, speed adjustable programming)
<b>Reader</b>	High resolution image acquisition interpretation system, automatic interpretation of acquisition and recognition results. The background of back light system, original image is clear and permanent, easy to query and tracking.
<b>Software</b>	Completely intellectual property rights, humanization design, Wizard-style user interface, easy to use Bi-directional LIS/HIS connection, evaluate and send results Software interface synchronous operation, synchronous refresh, visual display running state Operating process real-time monitoring, early warning function with abnormal situation Perfect function of experiment process tracking function of full trace ability tracking analysis and quality control. Powerful memory storage support testing result recheck include original picture, sample number, reagent message, reading result, operator, testing time, test protocol, test method and etc.
<b>Size</b>	760mm×670mm×900mm
<b>Certification</b>	ISO 13485:2003 ISO9001:2008