



Guangdong Jinquan Medical Technology Co. , Ltd.



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Address: 20/F, (Building 3) Manjinghua Science and Innovation Workshop, No. 6, Songjiang Road,
Shapu Community, Songgang Street, Baoan District, Shenzhen, China

Web: www.jinquanmedical.com

Contact Email: sales1@jinquanmedical.com & sales2@jinquanmedical.com

JINQUAN MEDICAL CATALOGUE

PROFESSIONAL PATHOLOGY INSTRUMENTS SUPPLIER

Professional pathology instruments supplier

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OUR TARGET
Be an international world-class instruments manufacturer.



OUR VISION
Innovation, quality, ambition, sharing, integrity.



OUR MISSION
Servicing human life and health.

COMPANY PROFILE

GUANGDONG JINQUAN MEDICAL TECHNOLOGY CO.,LTD

Guangdong Jinquan Medical is a national high-tech enterprise fully dedicated to research, development, production and sales of pathology instruments and consumables since 2018.

Base company located in Shenzhen and factory located in Dongguan, with a scale of 8,000 square meters and 110 employees. As a R&D driven company, and there are more than 30 experts in our R&D team, led by the visitor of Mayo Clinic in the United States. Some of them with Master and Doctor Degree in Biomedicine, Intelligent Manufacturing, Electronic Engineering, Information Engineering

and software Development. Every year, it takes about 30% of our annual sales revenue to develop new products. We already obtained about 100 authoritative certificates, including patent certificates and quality certificates FDA, CE, ISO9001 and ISO13485.

Jinquan released China's multi-pioneer pathology instruments overtime, ranking in No.1 market share of laser printers for the 6th year in a row. Earning a great reputation as one of the preferred brands for pathology solutions worldwide. Business expanded into more than 30 countries, our instruments are installed in over 1,000 laboratories all over the world.

Certificates and patents



ISO9001 Quality Certificate

ISO13485 Quality Certificate

Software Copyright Certificate



Enterprise Credit Rating Certificate

EU CE Certificate

FDA Certificate

Invention Patent Certificate

Guangdong Jinquan has obtained about one hundred authoritative certifications and patent certificates both domestically and internationally, including FDA, CE, ISO, invention patents, utility models, software copyrights, etc. More various certificates are constantly on the way.

Milestone

2018

- Established Foshan Jinquan Technology Co., Ltd
- China's First Fully Automated Block&Slide Cabinet System
- Launched China's First Automated Block and Slide Management System
- Launched Infrared Laser Cassette and Slide Printer

2019

- Launched China's First UV Laser Cassette and Slide Printer

2020

- Established Guangdong Jinquan Medical Technology Co., Ltd
- Launched China's First Tissue Flash Freezer

2022

- Launched China's First Fully Automated Individual H&E Stainer and Coverslipper
- Acquired Shenzhen Yanpu Medical Technology Co., Ltd

2023

- Launched Chemistry Analyzer

2021

- Established Guangdong Jinquan Experimental Equipment Engineering Co., Ltd
- Launched Fully Automated Fast Stainer and Coverslipper

MAIN PRODUCTS

Fully automated block and slide cabinet system



Product Function

- ◎ Assist the technicians to quickly track the specimens, enable smart look-up, error-proof magnetic lock, accurate location, saving technicians tracking time.

Features

- ◎ The smart management system structure is designed in three-function parts, upper, middle and lower. The upper part stores pathological archives, the middle stores blocks, and the lower stores slides.
- ◎ Every drawer is configured indicator light and magnetic lock, quickly seek the specimen via the indicator light and voice function, accurately locate every block.
- ◎ Automated control system: The target cabinet automatically moved out while searching or storing specimen, built-in temperature and humidity automatic monitoring system to avoid moisture and mildew.
- ◎ Human safety protection: Infrared sensor detect and voice prompt as soon as operators go in and out of the cabinets, protect human safety as much as possible.

Fully automated block and slide management system



Product Advantages

- ◎ Scanning time: one second/ five pieces.
- ◎ The scanability rate is up to 99.9%.
- ◎ Batch scanned: 320pcs blocks or 40pcs slides at a time.

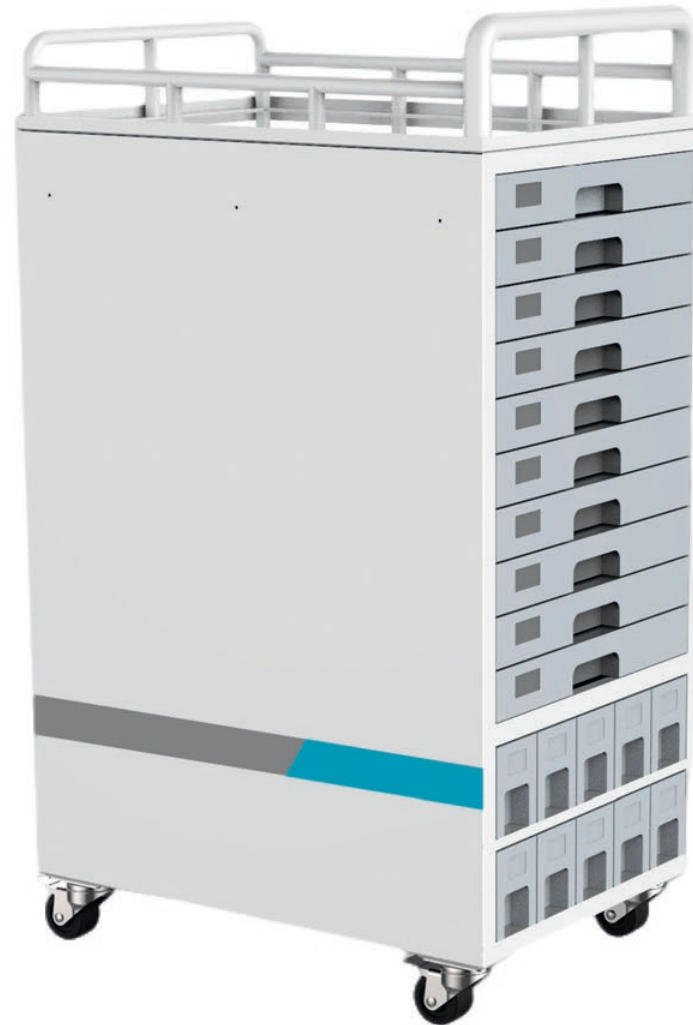
Features

- ◎ Quickly and accurately read 1-D&2-D barcodes, logos, and graphics, with extraordinary dynamic and legible read.
- ◎ Flexibly read QR barcode and bar code from different angles, minimize locate trouble and guarantee quick and accurate read.
- ◎ Independently self-developed software system, English interface, simple and easy to use, compatible with LIS/HIS system.

Pathology specimen temporary transporter

Product Function

- © The main structure is welded cold rolled steel plate and sprayed with matte static electricity.
- © Every drawer is designed with unique identification number, convenient to locate and find, the front is designed with magnetic door protecting the trays from falling off when pushed and pulled.
- © The top comes with stainless steel hand rail, convenient to push and pull, freely turn with four heavy-duty swivel caster wheels.



Block cabinet



Features

The cabinet is mainly welded with high bearing capacity cold rolled steel plates.

The cabinet comes different models optional, or customized on demand.

Drawers available in ABS or metal materials.

Every drawer is designed with identification alphabet, convenient to archive and track.

The drawer rear is designed with tight-fitting latch, efficiently protect drawers from falling off when moving.

Slide cabinet



Features

◎ The block cabinet main structure is welded with high capacity cold rolled steel plate.

◎ Drawers available in ABS or metal materials, each drawer has coordinate alphabet identification, convenient to archive and sort.

Features

◎ Lower front vs higher rear structure and the front side is designed with fixed clamp, to avoid slides falling when magazines directly pulled.



Chemistry analyzer

Model:JQ-TD3000

Product Function

◎ Testing speed: Constant speed 300T/H.

◎ Sample type:Urine, Serum, Plasma.

◎ Probe:Liquid level detection, volume tracking, preheating and anti-collision protection functions.

◎ Sample disk:Rotary disk, 36 positions, customized extension available.



◎ The fastest desktop Chemistry analyzer, unique dual optical design and unique algorithm, reserved for online interface with urine sample track, the best choice for urine testing device.

◎ Sample barcode:Sample barcode automatic scanning identification.

◎ Calibration method:Manual calibration.

◎ Connectivity:Connected to Bi-directional LIS and urine sample track.

◎ Test result accuracy: CV<5% B<10% .

◎ Automatic dilution function:The device will automatically dilute and retest when ultra-high limit occurred.

◎ Test menu:(Cr)(ACR)(mALB)(RBP)(β2-MG)(Cys-C)(a1-MG)(NGAL)(TPUC)(TF)(AMY)(NAG).

Laser cassette printer

Model: JQ-EMR810

Product Function

- ◎ On-demand print, at the point of use.
- ◎ One magazine load print(with or without lid)
- ◎ High resolution: Sharp 500DPI indelible laser print.



- ◎ Resistant to xylene, alcohol and chemicals.
- ◎ Reliable, jam-free continuous print.
- ◎ Easy to use, integrated into LIS/HIS system.

Laser cassette printer

Model: JQ-EMR830

Product Function

- ◎ On-demand print, at the point of use.
- ◎ Six magazines automatically rotating load print cassettes(with or without lid)
- ◎ High resolution: Sharp 500DPI indelible laser print.



- ◎ Resistant to xylene, alcohol and chemicals.
- ◎ Reliable, jam-free continuous print.
- ◎ Easy to use, integrated into LIS/HIS system.

Laser cassette printer

Model: JQ-EMR8600

Product Function

- ◎ Can print several barcode types such as: Data Matrix, QR code, Code 128, upon the user selection.
- ◎ To select at each hopper the desired cassette color.
- ◎ To create folders with the printing job list in order to recover each list when desired, in order to program and organize the lab priorities at the most efficient and productive way.
- ◎ To print on demand even a single cassette and in addition to print batch a volume of cassettes.
- ◎ To create selective 1D or 2D barcodes of its own choice up to 100 characters each.
- ◎ To create different fonts with different sizes.



- ◎ To enter sample cases when an external barcode reader will be connected in order to enter a new printing joblist.
- ◎ To achieve language switch function.
- ◎ To export the printed list in Excel file and import the slide printer directly.

Laser cassette printer

Model: JQ-EMR840

Product Function

- ◎ UV laser mark technology, no ink, no ribbon and zero consumables
- ◎ Specially designed for one-piece cassette print
- ◎ Four magazines rotating load
- ◎ Fast print speed, less than 3 seconds per cassette



- ◎ Hopper output collection tray, full unload indicator light.
- ◎ Flexible compatibility: Compatible with generic one-piece cassette.
- ◎ Easy to use, integrated into LIS/HIS system.

Laser cassette printer

Model: JQ-EMR560P

Product Function

- ◎ 500 DPI High Resolution printing, print is permanent and resistant to chemical degradation.
- ◎ Precision construction for jam-free cassette printing.
- ◎ Patented-designed cassettes per-load and load system for easy print reading and access.
- ◎ Low work noise $\leq 65\text{dB}$, meet the hospital pathology and labs environment requirement.
- ◎ 6 hoppers allows for multiple cassette colors for efficient workflow.
- ◎ Batch mode printing, high printing speed up to 20 cassettes per minute.
- ◎ Can install scanner for instant scanning.
- ◎ Compatible with third-party cassettes and design for large printing.



- ◎ Laser printing (ribbon or cartridges free), no extra consumable materials.
- ◎ Patented-designed software system enable high-resolution and high-content 1D and 2D barcodes, alphanumeric, graphic and logo printing, can be integrated into HIS and LIS environment.

Laser slide printer

Model: JQ-GM620

Product Function

- ◎ On-demand print, at the point of use.
- ◎ Compatible with charged and uncharged painted slides.
- ◎ Built-in air purification system and dust particle filter.
- ◎ Ultra sharp 500DPI clear indelible laser printing, QR code easy to identify.



Laser slide printer

Model: JQ-GM640&640P

Product Function

- ◎ Ultraviolet laser.
- ◎ Permanent and resistant to degradation.
- ◎ Integrate to LIS/HIS system.
- ◎ High resolution: 500DPI.
- ◎ High speed: less than 3 seconds for batch printing, or up to 20 slides per minute.
- ◎ Input cartridge holds up to 200 slides and output holds up to 200 slides.
- ◎ Barcode, QR code, logo, alphanumeric, graphic printing



Laser slide printer

Model: JQ-GM6210

Product Function

- ◎ Clear & resistant printouts prevailing against commonly used chemicals & heat.
- ◎ Compatible with charged and uncharged painted slides.
- ◎ Compatible with LIS and HIS.
- ◎ Input cartridge holds up to 200 slides and output holds up to 40 slides.
- ◎ Switch seamlessly between on-demand and batch printing.
- ◎ Compact design for sectioning station, optimize the workflow efficiency.
- ◎ Two channels design to choose between H&E and LHC slides.



Laser slide printer

Model: JQ-GM600P

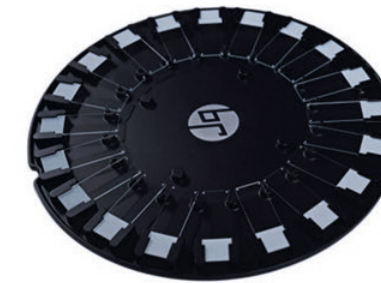
Product Function

- ◎ Multi-alarm indicator.
- ◎ Excellent ability to export txt, graphics, logos, 2D barcode.
- ◎ Compact footprint perfectly placed next to the microtome.
- ◎ Upward delivery system, the first printed slide is on the top.



- ◎ Allow for connecting external PC.
- ◎ Built-in barcode scanner integrated to LIS/HIS system.
- ◎ Built-in purification system.

Fully automated H&E individual stainer and coverslipper



Seven-function modules

- ◎ The trays portals, the dryer module prior to stain, the individual drip module, the coverslipper module, the trays queuing module, the fluidics module, the waste capture module.

Features

- ◎ China's first fully automated H&E individual stainer and coverslipper.
- ◎ Automated all-in-one machine: Fully automated staining, slide covering workflow.
- ◎ Particularly formulated reagent: Environmentally protected less concentration alcohol and xylene.
- ◎ Individual stain: Optimized and consistent stain, no cross contamination.

Fast chiller

Features

- ◎ No ice crystals
- ◎ Compact size
- ◎ Immersion style: Specimen frozen more consistent .
- ◎ Quick freeze speed:10-30s
- ◎ Ultra-fast freezing



Product Advantagess

- ◎ No dry ice, no liquid nitrogen, continuously maintain the desired temperature, on standby anytime, immediately handle the received tissue, finish freeze within seconds, dramatically reduce the diagnosis waiting time.
- ◎ Quickly freeze the special tissue can't be realized shortly in routine freezer,like fat, cyst, and brain tissue.
- ◎ Eliminate the formation of ice crystals through ultra fast freezing.
- ◎ Environmental and friendly coolant, safe and non-toxic.
- ◎ Smart technology: With automated sleep function, customize the operation settings.

Individual stainer and coverslipper reagents



Advantages

- ◎ Customized: particucally formulated for Jinquan automated individual stainer and coverslipper.
- ◎ Bottle design:individual bottle, ready to use, less exposure to air.
- ◎ Environmental and friendly reagents: less concentration alcohol and xylene.
- ◎ Reagents accredited: calssified as medical devices Class I.

OCT embedding compound

Features

© (optimal cutting temperature compound)
Used to embed and freeze fresh tissue for quick frozen sectioning, immersed in OCT, then section, can optimize the section.



Tissue cassette

Advantages

© High quality POM material in multi-color.

© Bulk packing, sleeved and taped cassettes are available.



Microscopic slide

Advantages

© A wide variety of standard and adhesive microscopic slides are available.

