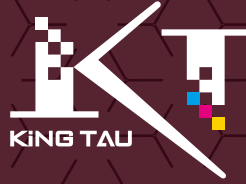




*Best launching inkjet
printer in year 2022*



K1600 8G Ultimate
Ceramic tile inkjet printer

Upgraded 8G Memory
Smooth And Convenient

HIGH TECH KINGTAU · INDUSTRIAL PRINTING 4.0

K1600 8G Ultimate

Leaping developments of functions



Production change within 1 second



Increasing 4 times from the previous 2G memory to 8G in order to meet the requirements of big slabs



6 times higher than before based on the thousand trillion industrial network system



Solve the problem of color difference and color mark as the compensation can be adjusted freely from -100% to +100%

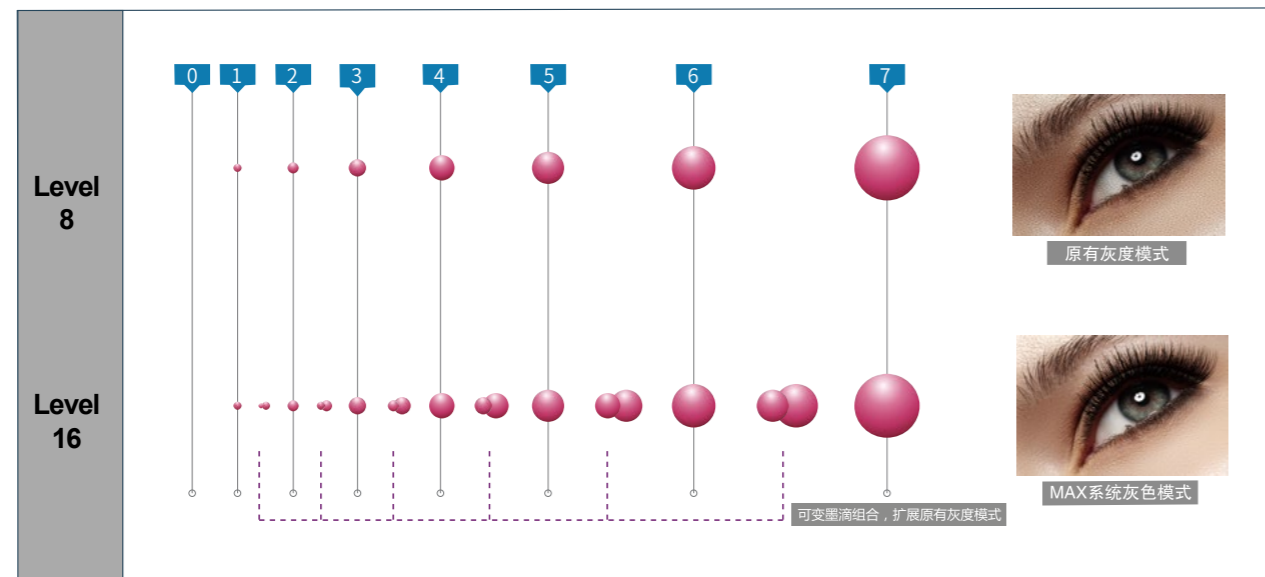


Support 1-256 pcs of sampling or trial production



Handover position traceless processing function

PERFORMANCE-MULTIPLIED INKJET PRINTING SYSTEM MAX



Upgraded 8G Memory , Smooth And Convenient

- ▶ 833MHz dual-core Cortex-A9 CPU (equivalent to iPhone 6s)
- ▶ The latest INTEL Cyclone® V SoC FPGA CPU computing module
- ▶ 8G memory, Super image processing capability
- ▶ Strong hardware system, works under the environment of 0-85°C normally
- ▶ Each firing board runs an independent embedded Linux system



Special tips

Requirements for working environments:

- Tile biscuits' temp: Under 40°C
- With good moisture retention of basic glaze and no dusting
- Inkjet room should be divided into three sections which can be easy to keep warm and clean. The room temperature should be within 23°C~28°C
- Glazing line speed should be kept as same as the inkjet printer
- Tile biscuit centralizer should be installed outside of the inkjet printer
- Inkjet room should be far away from the vibration source
- Capsule filters for ink circulation should be changed every 3~4 months (original)

Meet the requirements of big slabs

- Max printing systems carries 16 levels grey scales processing capabilities which can meet the requirements of delicacy and balance
- Whole new printing control board installed in individual printhead is equipped with independent CPU, exclusive 8G memory, conforming to the trend of big slabs and big designs
- Compensation function for injectors blockage can avoid the product quality problem of line defect
- Whole inkjet printer structure is fully optimized with environmental protection and advanced HMI evolution
- The stability of the high-flow internal ink circulation system is 35% higher than the previous one
- Ink circulation is closed-loop control fully for flow rate balance which meets for both light or dark colors production needs
- The ink circulation is equipped with water bath heating in order to support high-flow printing per glaze effect inks
- High ink flow circulation in 130ml/per min is more suitable for ceramic ink inkjet printing

Printhead configuration

MAX RC1536 / MAX RC1356L

- Optional 4 types of drive waveforms selectable: fine, standard, high volume, and super high ink volume
- 108mm printing width per each single printhead
- Smallest ink drop is 13pl which can show the delicate inkjet printing resolution
- Maximum big ink drop is 133pl which is a powerful tool for dark design tile production
- MAX RC1356 L / RCH 1536L glaze effect inks / Cover inks higher than 45g/sqm (Density 1300g/cm³)



Cloud lot(Internet of things) technology

Convenience

- Provide customers the remote control of service, repair and maintenance.
- Monitoring and reminding functions on multiple terminals
- Reminding or warning information pushing system of inkjet printer be supported in SMS, WeChat, or voices
- Black box data recording, cloud big data analysis

Open lot(Internet of Things) platform

- Docking with third-party platforms: such as IoT(Internet of Things) terminals, connection platforms, industrial financial management systems and etc.
- Cross-platform capabilities supported with friendly access to various ports on monitors, computers, mobile apps and other terminals
- Support 300+ industrial protocols

Your Inquiry Our Solution

KING TAU

Inkjet printer parameters		
Model	K1600-6 8G	K1600-10 8G
Size	L6980mm x W2700mm x H2450mm	L9480mm x W2700mm x H2450mm
Capacity	35KW	
Weigh	3.5T	4.5T
Ink circulation mode	Printhead internal circulation+Ink circulation unity	
Ink circulation q'ty	130ml/min	
Inkjet printing resolution	360dpi	
Inkjet printing volume	35g/n ² / 85g/n ² (Big volume inkjetting printhead)	
Inkjet printing printhead board	Upgrade 8G printhead board	
Inkjet printing system	Independent R&D system under Windows system+10 Gigabit network upload	
Inkjet printing size	1600mm	
N° of channels	6 channels	10 channels
Unique technology of image processing	Compensation function for joints, 2-ways color difference or injectors blockage	
Requirements for ceramic inkjet printer goes into production		
Environment temperature	23~28°C	
Environment humidity	60%~75%	
Requirements for ground wire	Reliable and independent ground connection	
Tile biscuits' temperature	30~38°C	
Ink storage temperature	and without direct sunlight exposure	
Durst contro	No dust found on tile biscuits, Keep the inkjet room dean and dustless	
Requirement for power supply	380V (3F+N+GND) 50/60Hz	

For further information ask please our sales or technical team members in local. This catalogue is printed in May of 2021. Please accept our apology in advance that any further technology upgrade will not be notified time by time due to confidential consideration

