

四溫控打色機

Four Independent Temperature-Control Dyeing Machine

一台等於四台 四組獨立溫控

4 individual temperature control works in one machine to provide higher efficiency than normal machines.

32 cups
加大產能
Huge productivity

32杯加大產能打樣機

由24杯提升至32杯420ml的大產能
可同時運行四組不同升溫工藝

The dyeing machine could run 32 cups of sample with 4 kinds of different temperature processes at the same time, which is the highest productivity dyeing machine in market.

x4
4TEMP.

每個轉桶八杯，獨立溫控
少量打樣時，僅需啟動一轉桶

Only settle 8 cups on one drum.
When the sampling volume is small, operators can only turn on one or two drums to save energy.

轉桶直徑小
Small diameter

杯位離轉軸較近，離心力較小，杯內液體可
快速脈衝流動，有效對付易色花布種/組合
轉速可達一分鐘80轉

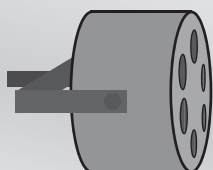
Dyeing cup position is near to the axis, so the centrifugal force is small. And the solution in the cup would flow pulses well. Can run 80 revolutions per minute.

可調角度
Angle adjustable

轉筒角度可調 - 適應面料的各種變化

可模擬各種打色機旋轉方式轉速、正反轉距皆可調整，藉由調整
各項參數調整出與現場染機一致的染色效果

Drums' rotating angle, speed and reverse rate could be adjusted to simulate to the performance of different sampling machines and dyeing machines in workshop.

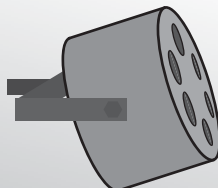


平轉式:

低浴比適用
染出較平整

Horizontal rotation

Works on dyeing low liquor-ratio products to ensure flatness of fabric.

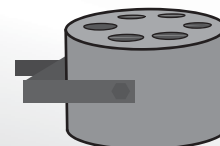


斜躺式:

15-25度
通用設置

Oblique rotation

Rotate on 15-25 degree, which is general setting for most of products.



摔打式:

90度角
不易色花
染出較皺

Shaking rotation

Adjust the drum to 90 degree. Dyestuff could be absorbed better but wrinkle may happen on fabric.



整塊鋁合金加工，電熱棒中心加熱，溫度均勻性佳

熱源於中心，由內向外加熱，加熱更均勻、更快；採精密數控車床加工整塊鋁合金，非翻砂、鋁型材拼接工藝，較原先的紅外線機種溫度均勻

Heating by heating rod inside the aluminum barrel. Heat the aluminum on the central of barrel to ensure even and stable heating up process. Discard traditional sand casting but process the aluminum alloy Container by CNC to ensure accuracy of dimension. Temperature conduction and uniformity will be better.



強力高速直流風機降溫 效能提升50%

2020改用新高速直流風機，轉速較舊款提升一倍，降溫速度提升50%

Increase cooling efficiency of powerful turbine fan by 50%

Upgrade to high-speed turbofan to improve 50% efficiency on cooling process.



一轉桶升溫僅需1600瓦，實際生產滿缸率低，八杯一組少杯量設計可節省更多能源，甘油機入2杯就必須整機升溫，耗電8000瓦。風扇降溫無須冷卻水。排除甘油難聞氣味與甘油汽化後污染工作環境問題，可改善打樣人員工作環境

Only settle 8 cups on one rotating drum, which consumption is 1600 watts. When the sampling volume is small, operators can only turn on one or two drums to save energy. Use fan to lower the temperature of container. No glycerin pollution issue during sampling so the environment will be more friendly to operators.



採電腦中央監控每個轉桶升溫曲線機台異常時能夠即時察覺，一台電腦可同時監控28個轉桶。人性化軟體，簡易快速切換升溫曲線，並可設置警報點提醒中途加料，具有歷史紀錄功能，能以此規範作業流程



Use computer to monitor the temperature of each rotating drum.

A computer can monitor 28 rotating drum. Humanization software: easy to change heating curve. And with record function, that can standard operation process.

**420ml，一轉桶8杯； 200ml，一轉桶10杯； 500ml，一轉桶6杯
一台機台四顆轉桶，可混搭不同規格轉桶**

Capacity of drum: 6pcs of 500ml cups, 8 pcs of 420ml cups and 10 pcs of 200ml cups.

Client could arrange different kind of drums in one machine.

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尺寸 Size: 91×71×169cm

電源 Power: 220V 6.8KW/H

控溫範圍 Temperature: 室溫~140℃

控溫精度 Accuracy: ±0.5℃

鋼杯容量數量 Cup Qty. & Capacity: 32cups,420ml; 40cups,200ml; 24cups,500ml