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# 为时尚产业 提供智能制造解决方案

*Intelligent manufacturing  
Solutions for fashion industries*

## SP-FX5312

智针宝

Needle broken management machine

## 8秒换针

Change needle in 8 seconds

## AI智能管理

AI intelligent management

## 可存2400枚

Can store 2400 needles



主针对服装企业传统的机针管理，查找追溯困难、品质管控弱、安全隐患大、数据混乱、成本过高、浪费严重、繁琐耗时等诸多问题的工厂。

Mainly targeting traditional needle management in clothing enterprises, factories with difficult traceability, weak quality control, high safety hazards, chaotic data, high costs, serious waste, and time-consuming problems.



### SUPREME 舒普

— 助力时尚产业发展 —

## I 机针尺寸范围

Needle size range



机针尺寸 $<\phi 2 \times 50\text{mm}$  Needle size  $<\phi 2 \times 50\text{mm}$

## I 产品特点

Product Features

机器配备21.5寸高分辨工业触摸屏

The machine is equipped with a 21.5-inch high-resolution industrial touch screen.

采用超高清工业相机，语音引导流程，出针提示灯

Adopting ultra high definition industrial cameras, voice guided process, and needle output indicator light.

配备30组储针库位，可满足30种不同型号机针

Equipped with 30 sets of needle storage positions, it can meet the needs of 30 different types of machine needles.

每组库位可存储80枚机针，单机最大存量2400枚

Each storage location can store 80 needles, with a maximum stock of 2400 needles per machine.

独立的废针、旧针回收口，实现废旧机针100%回收

Independent recycling port for waste needles and old needles, achieving 100% recycling of waste machine needles.



整机占地面积约 $0.4\text{m}^2$

## I 产品优势

Product advantages

### 机针识别



### 精度最高

机针识别精度 $\pm 0.15\text{mm}$ ;

Needle recognition accuracy  $\pm 0.15\text{mm}$ ;



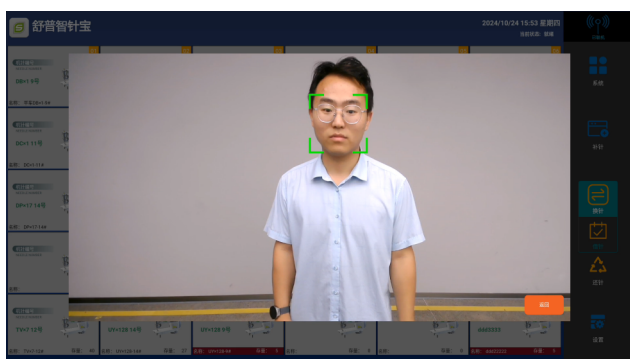
### 独立回收机构

可实现段残针有序并列的回收编号、粘贴、封装、卷存，便于查看；

Can achieve orderly and parallel recycling numbering, pasting, packaging, and storage of residual needles for easy viewing;

## AI人脸识别

## AI Facial recognition



### 操作权限



确定 取消

采用最新AI人脸识别系统和视觉检测系统

Adopting the latest AI facial recognition system and visual detection system.

管理人员可设置操作权限，人脸实名领针，员工名下有领针权限，才允许换同型号针。

Management personnel can set operational permissions, facial real name needle collection is only allowed if the employee has needle collection permission under their name.

## 机针装夹治具

## Needle clamping fixture



### 机针装夹治具

为了装夹更简易，设计了一款专用治具。当机器需要补针时，通过这款专用机针装夹治具，可以一次补充多枚机针。

A specialized fixture has been designed for easier clamping. When the machine needs to replenish needles, multiple needles can be replenished at once through this specialized needle clamping fixture.

换针报表

姓名

请输入查询内容

开始时间2024-09-24 07:00

结束时间2024-10-24 18:00

查询

重置

#	姓名	时间	组号	仓位	款号	工序	颜色	尺码	批号	机针型号	完整度	通过人	机台编号	机针状态	断针说明	处理方法	机针照片	人员照片
1	wyl	2024/10/24 15:54	七组	10						DP×5 12号	27.0	世		正常	网患	已松		
2	wyl	2024/10/24 15:31	七组	10						DP×5 12号	101.0			正常				
3		2024/10/24 13:34		10						DP×5 12号	107.0			正常				
4		2024/10/13 07:53		03						DB×1 11号	98.0			正常				
5		2024/10/12 19:29		02						DB×1 10号	97.0			正常				
6		2024/10/12 19:12		15						UY×128 11号	98.0			正常				
7		2024/10/12 18:43		05						DC×1 9号	97.0			正常				
8		2024/10/12 18:43		05						DC×1 9号	99.0			正常				

共：219 换针：219

返回

将报表精准到款号、工序名称、领取人照片、废旧机身照片和编号优化成excel智能表格。
 Optimize the report into an Excel smart spreadsheet that accurately includes item number, process name, recipient photo, waste machine body photo, and identification number.

规格 Specification

型号	Model	SP-FX5312
控制系统	Control system	PLC / Android
机针种类	Needle type	30组/台
单组存储量	Single group storage capacity	80枚/组
取针速度	Needle retrieval speed	<8S/次
机针尺寸	Needle size	<φ2×50mm
机针识别精度	Needle recognition accuracy	±0.15mm
卷膜存储量	Roll film storage capacity	1200枚/卷
净重/毛重	Net weight/Weight	150Kg
机器尺寸	Machine size	530×750×1650mm

以上型号仅供参考,详细情况请咨询当地经销商。  
 The above types are only for reference, and you can consult local distributors for details.  
 为了改良,产品规格若有变更,恕不另行通知。为安全起见,使用之前,请仔细阅读使用手册。  
 Specifications are subject to change for improvement without further notice. Please carefully read the operating manual before use for safety.