



Richpeace

Richpeace Car-Interior Flatbed Scanning Digitizer



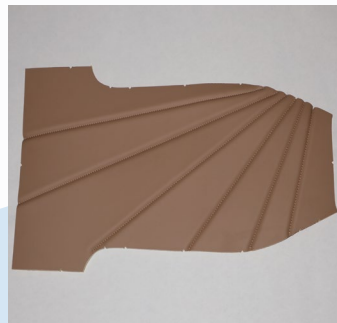
Reference Model: RFPF-NM-DI-1-1500×1200-SGSF-NA-1P220

Features

1. Adopt linear scanning mode, no need extra light compensation, all-weather reliable use.
2. Support one-button automatic scanning, simple and easy to operate.
3. Support ultra-long format scanning according to different models. Scanning speed up to 7200mm/minute.
4. Scanning resolution 150-300DPI, high definition panoramic 1:1 image to ensure effective identification of various contours/notches/inner holes.
5. According to physical samples, scanning height can be set by the touch screen to adapt different thickness material.
6. Background color can be switched quickly for different colors sample, which is flexible to response different material.
7. Output general DXF file format, compatible with most of CAD software in the market.

Application

Digital input of various paper patterns and physical samples, for car seat, door armrests, foot pads, cushion, etc.



Recommended Models

Model	Working Area (mm)	Net Weight	Power	Installation Area (L×W×H)
RPFP-NM-DI-1-1000×1200-SGSF-NA-1P220	1000×1200	400kg	2kW	2300mm×1750mm×1300mm
RPFP-NM-DI-1-1500×1200-SGSF-NA-1P220	1500×1200	480kg	2kW	2800mm×1750mm×1300mm
RPFP-NM-DI-1-2000×1200-SGSF-NA-1P220	2000×1200	560kg	2kW	3300mm×1750mm×1300mm
RPFP-NM-DI-1-1500×1600-SGSF-NA-1P220	1500×1600	600kg	3kW	2800mm×2150mm×1300mm
RPFP-NM-DI-1-2000×1600-SGSF-NA-1P220	2000×1600	700kg	3kW	3300mm×2150mm×1300mm
RPFP-NM-DI-1-2500×1600-SGSF-NA-1P220	2500×1600	800kg	3kW	3800mm×2150mm×1300mm

Machine Parameters

Scanning Resolution	150-300DPI	Scanning Speed	Max. 7200mm/min.
Identification Accuracy	≤1mm	Scanning Pieces Fixation	Vacuum sectional adsorption
Operating System	Microsoft Windows WIN7/WIN10	Scanning Background	Dark/Light background switchable
Operating Mode	Linear scanning	Air Pressure	0.6MPa
Data Interface	USB 2.0	Power Supply	Single phase AC220V±10% 50/60Hz
Software Connection	Compatible with main garment CAD softwares	Working Temperature	0-40°C
Air Machine	Quiet mode air pump	Working Humidity	≤85% (at 25°C, no condensation)

Machine configuration



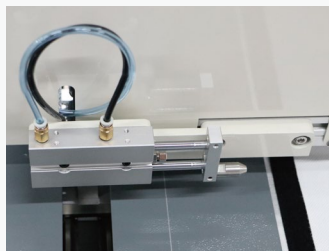
Touch Screen HMI



HD scanning module



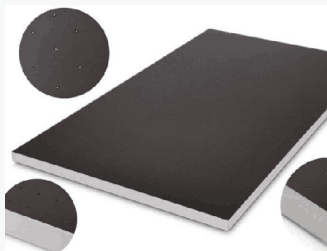
Servo motor



SMC pneumatic component



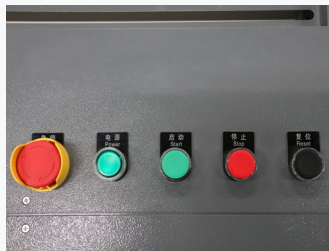
KNK linear module



Vacuum table



Vacuum pressure machine



Schneider electric switches

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