ABOUT PIOCREAT

Shenzhen Piocreat 3D Technology Co., Ltd. is a company specializes in the manufacturing of 3D printers and consumables. Since its establishment in 2015, we are committed to independent research and development and innovation, and have completely independent intellectual property rights of product technology. as a R&D and production enterprise providing products and solutions for the whole industry chain, covering 3D printers, 3D design software, 3D printing consumables and 3D printing services, we have built a complete industry chain.

Certificate of High and New Technology Enterprise

1800
Corporate Customers

150
Professional R&D staffs

60
3D Printing Patents

PIOCREAT

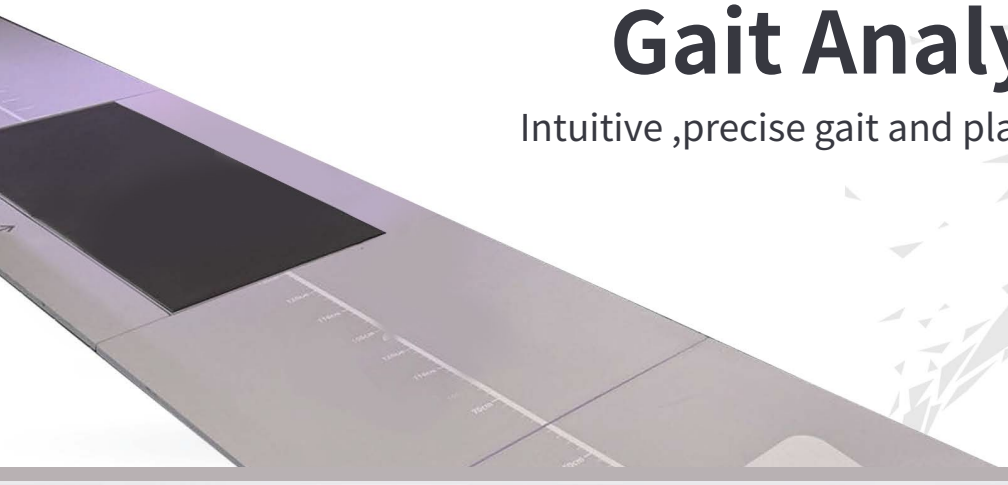
PATENTS & QUALICATION

PIOCREAT

FD 01

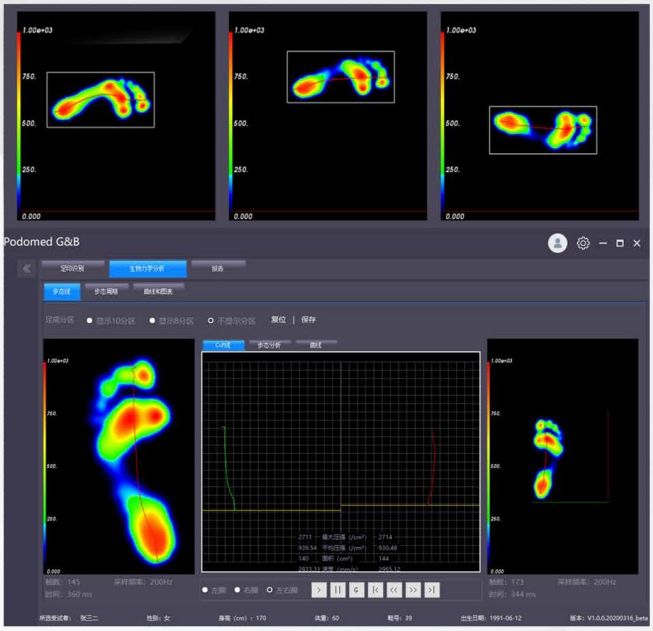
Gait Analysis System

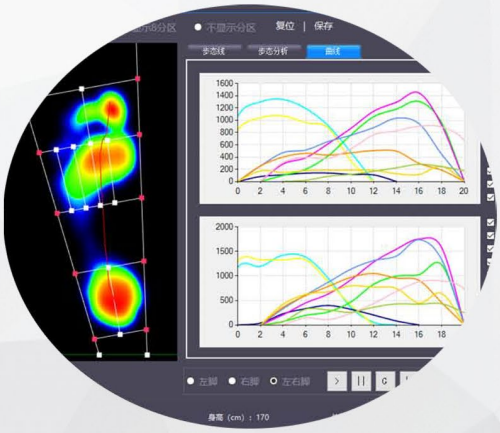
Intuitive ,precise gait and plantar pressure analysis tool



Functional Features

- Providing both static and dynamic plantar pressure testing capabilities, the system integrates various functions such as data acquisition, storage, analysis, and reporting into a single unit.
- The software comes with a built-in different language pack, providing a user-friendly interface.
- Offers 2D/3D pressure maps, impulse images, and dynamic video playback
- Automatically captures detailed information of the pressure footprint
- Provides force load and area values for multiple regions of the plantar surface
- Provides various curves related to force and time
- Automatically segments the gait cycle





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FS B001 Double-plantar Scan

Patented technology: ultra-high precision, easy operation, no dead angle scanning

Fast scanning speed(1.5s complete)

Avoid the problem of inaccurate foot movement measurement caused by children's hyperactivity.

High measurement accuracy (±2-3mm)

Realize the judgment of index parameters such as arch, thumb, heel, foot length, foot width, and internal and external eight too quickly generate a test report.

Stand naturally

There is no strict physical division area, which better simulates the natural force state and avoids children standing with their legs forked.

Exclusive intelligent data reporting

Export the plantar feature data, intuitively understand the footand gait health problems, and design through the design software.

Strong anti-light interference

It can adapt to a variety of scanning scenarios and is better than laser scanning.

Good expansion performance

It can be connected to an external screen, networked, etc

Easy to carry

The flight case is packaged in one package, and it can be loaded and taken away.

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PODIATRIC DATA ANALYSIS REPORT

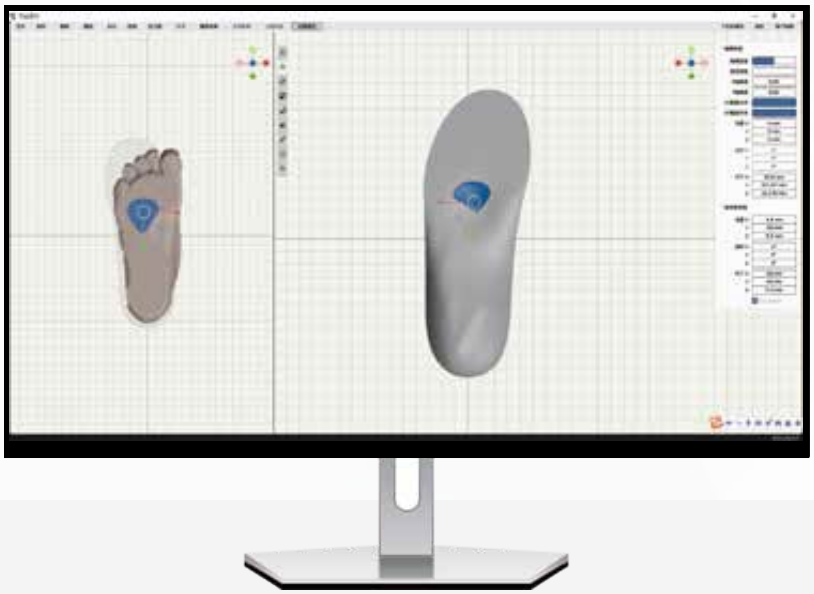
Intelligent scanning and ultra-fast acquisition

MODEL	FS B001
SCAN	High-precision camera module, no harm to the human body and eyes
Scan range(mm)	350×130×100mm(x,y,z)
Scanning error(mm)	±2-3mm
Scan time(s)	<1.5s(Feet)
Exterior dimensions(mm)	510x475x365mm(lxwxh)
internet applications	BSL-FSCANV1.0
Output format	JPG、IDX
Operating system	Win10 64-bit
Power requirements	220V
Rated power	24V12W

Piocreat Isole-B

Smart insole design software

- Based on 3D printing process research and development (the first in China), fully in line with the characteristics of 3D printing technology.
- Multi-design modules can meet the design requirements of complex structural insoles.
- Intelligent and simple operation, quickly complete a pair of insole design within 5 minutes.
- Multilingual operating system.
- Logo arbitrarily design.
- One-click export can be printed, no need for secondary mold design.
- The insole design fully complies with the national QB T5191-2017 insole standard
- Detailed design parameter report.
- Lifetime free upgrade.
- Support insole edge arc chamfer transition, finished insole without trimming and polishing.
- with slicing function, no need to install other slicing software.



Operating System Requirements	Windows 8.1,10,11	
Hardware Requirements	Minimum	Recommended
CPU	64-bit quad core CPU with SSE2 support	64-bit eight core CPU
Internal memory	8 GB RAM	32 GB RAM
Display	Full HD display	2560x1440 display
Graphics card	Graphics card with 2 GB RAM,OpenGL 4.3	Graphics card with 8 GB RAM
Note/Intel	GeForce 400 and newer. Ouadro Tesla GPU architecture and newer, including RTX-based cards. with NVIDIA drivers.	
AMD	GCN 1st gen and newer.	
Intel	Haswell architecture and newer	

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IPX 2

Special 3D Printer for Custom Insoles

Special extruder | 150mm/s fast printing | Double station printing

Molding technology	FDM
Layer thickness	0.3-0.5mm(standard 0.8mm nozzle)
Print size	320×200×200mm
Machine size	730×540×490mm
Print accuracy	±0.1mm/100mm
Number of nozzle	2
Nozzle diameter	Standard0.4mm(0.6、0.8mm optional)
Nozzle temperature	≤300°C
Printing method	USB, WIFI
Printing materials	TPU-95A/90A/85A/80A, TPE-83A
Language	13 Language