Aetrex Technology Ecosystem

Powered by:

| Artificial Intelligence | Computer Vision | Cloud | Sensor Technology | Mobile | 3D Printing |

Albert 2 Pro. The Ultimate All-In-One 3D Scanner.

Aetrex's premier scanner, the Albert 2 Pro is the ultimate solution for retailers. Capturing complete 3D measurements and pressure data about a customer's feet, the system delivers an interactive, engaging consumer experience in store. With a quick and easy 20-second scan, the system recommends the best fitting footwear and orthotics on the first try. This scanner features both touch screen and voice activation options, Aetrex's proprietary Albert Learning Center software, orthotic recommendations, FitGenius™ AI footwear recommendations, and much more.

Albert 3DFit Scanner.
A State-of-the-Art 3D Scanner Affordable for All Retailers.

The Albert 3DFit combines 3-dimensional foot scanning capabilities and AI footwear matching software to help retailers and consumers find the best fitting footwear on the first try. Featuring 4 Intel® RealSense™ depth cameras, voice activation software, a Learning Center where customers can ask questions about foot health, and FitGenius™ footwear recommendations, the scanner boasts premier technical features at a fraction of the price of the competition.
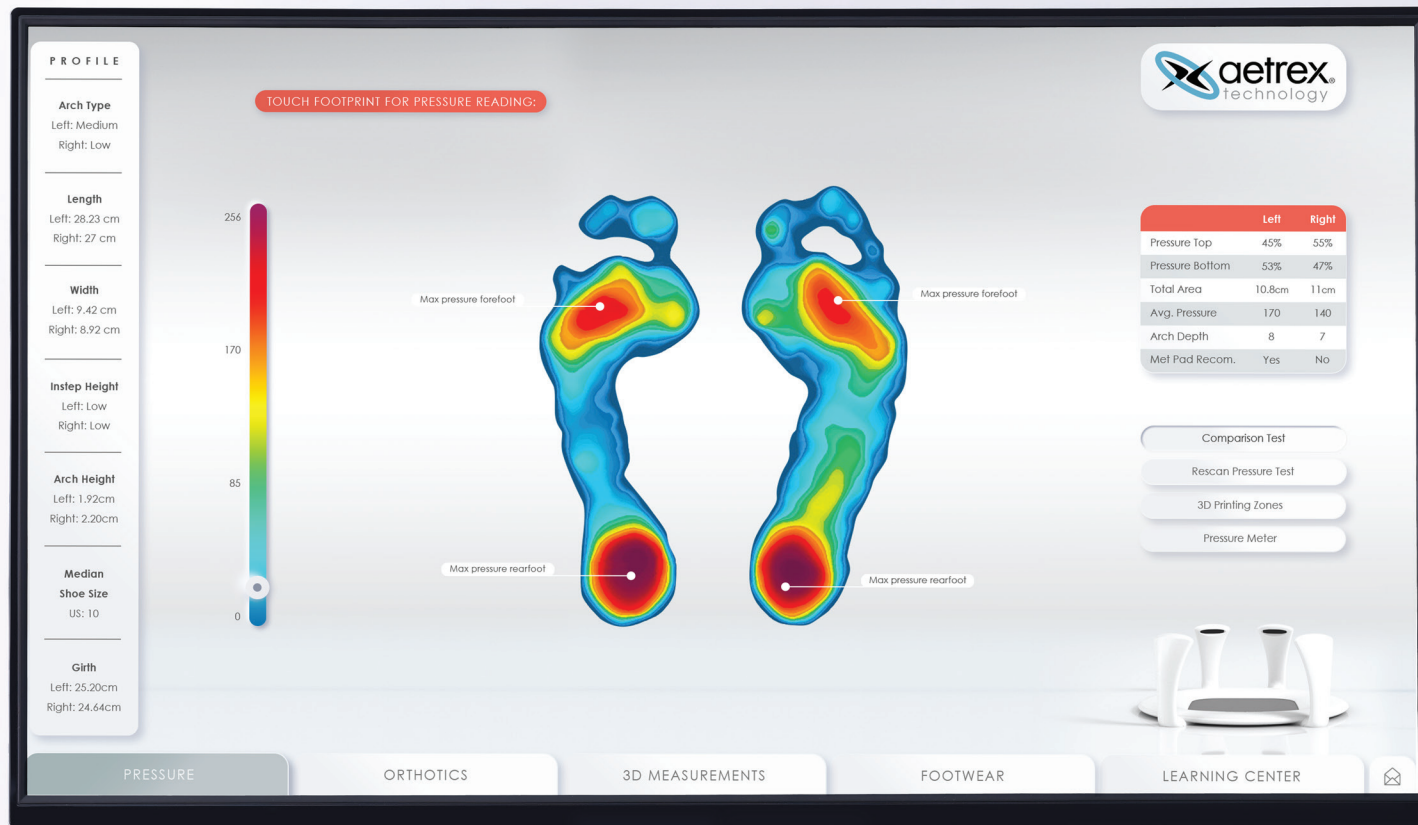
Albert Pressure Scanner.
Unparalleled Pressure Data & Add-On Sales Opportunities.

The Albert Pressure Scanner combines unmatched pressure data with orthotic matching software to help customers find the right fitting orthotics for their unique feet. With over 5,000 gold plated sensors, the scanner captures the most pressure data underfoot. Featuring both static and dynamic pressure tests, it sets the industry standard, capturing gait pressure data at an unparalleled rate of 30 frames per second. Retailers can generate substantial revenue by offering custom selected Aetrex Orthotic solutions based on a customer's unique foot scan.

THE AETREX SCANNER FLEET

Features	Albert 2 Pro	Albert 3DFit	Albert Pressure
3D Reconstruction & Measurements	✓	✓	x
Static Pressure	✓	x	✓
Dynamic Pressure	✓	x	✓
Orthotic Recommendations	✓	x	✓
Footwear Recommendations	✓	✓	x
FitGenius AI Plug-In	✓	✓	x
Learning Center	✓	✓	✓
Voice Activation	✓	✓	✓
Works with iPad or Kiosk	✓	✓	✓

PROFILE

Arch Type
Left: Medium
Right: Low

Length
Left: 28.23 cm
Right: 27 cm

Width
Left: 9.42 cm
Right: 8.92 cm

Instep Height
Left: Low
Right: Low

Arch Height
Left: 1.92cm
Right: 2.20cm

Median Shoe Size
US: 10

Girth
Left: 25.20cm
Right: 24.64cm

TOUCH FOOTPRINT FOR PRESSURE READING:

256
170
85
0

Max pressure forefoot
Max pressure forefoot
Max pressure rearfoot
Max pressure rearfoot

aetrex technology

	Left	Right
Pressure Top	45%	55%
Pressure Bottom	53%	47%
Total Area	10.8cm	11cm
Avg. Pressure	170	140
Arch Depth	8	7
Met Pad Recom.	Yes	No

Comparison Test
Rescan Pressure Test
3D Printing Zones
Pressure Meter

PRESSURE   ORTHOTICS   3D MEASUREMENTS   FOOTWEAR   LEARNING CENTER

Pressure

Aetrex pioneered pressure plate technology to consumer markets in 2002 with iStep. This premium technology is featured in the Albert 2 Pro and the Albert Pressure scanner. It's designed to capture complete foot data about a customer's unique arch type and pressure points. The Albert software incorporates easy-to-use tools to help explain the pressure ratings, such as the Pressure Meter and Chalkboard tool. The Pressure Meter allows users to pinpoint pressure levels in a specific area. The Chalkboard tool helps store associates communicate pressure areas to their customers.

3D Measurements

The Albert 2 Pro and Albert 3DFit scanners use 4 state-of-the-art Intel® RealSense™ 3D Depth Cameras to capture the most accurate foot data with key measurements, such as length, width, girth, in-step and arch height, with accuracy up to 1 millimeter. This data is then converted into a 3D model of the foot for an engaging, interactive consumer experience by utilizing over 3.5 million data points. The software also displays population averages, making it easy for store associates to explain how a customer's 3D measurements compare to the general population.
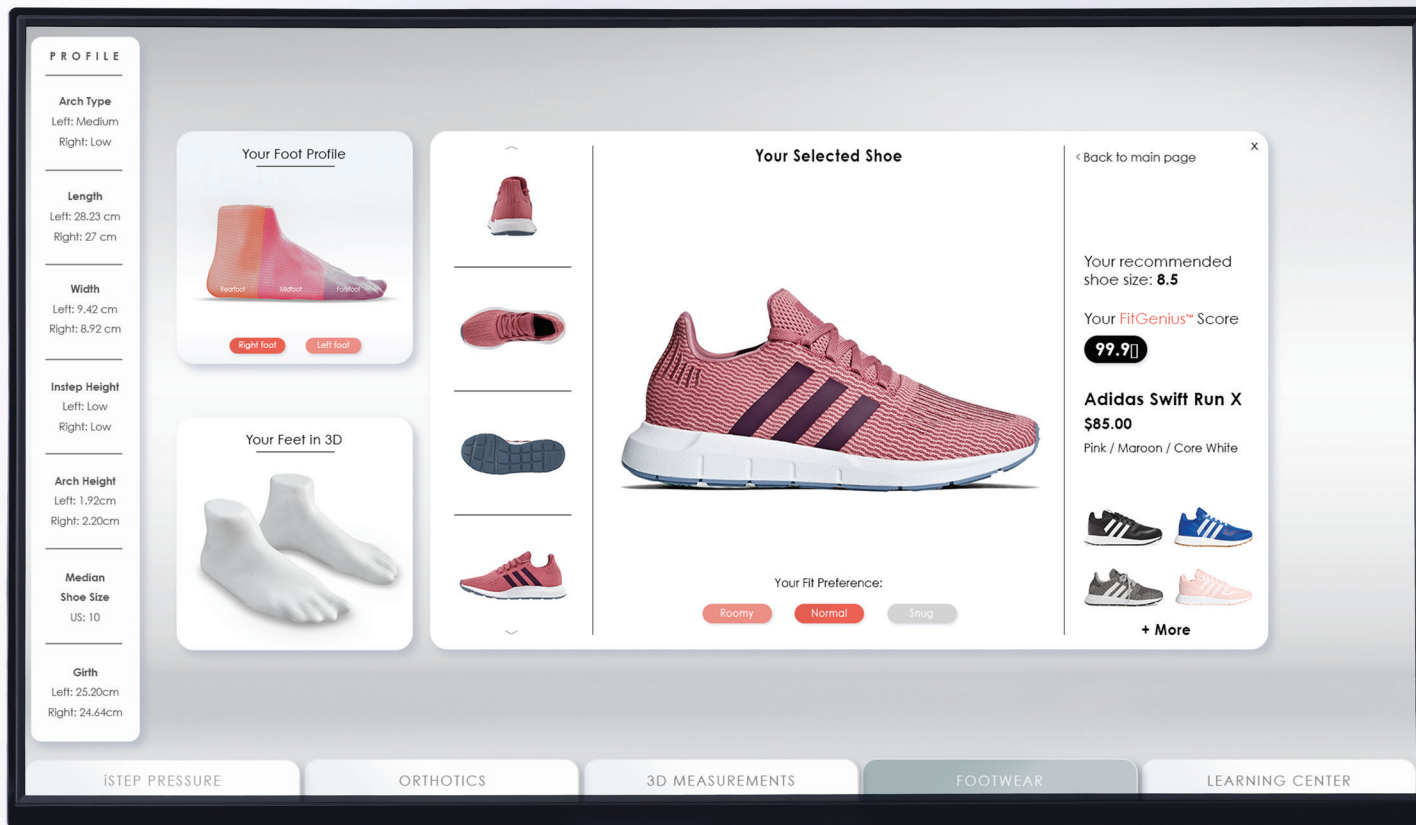
Natural Zone

Most 3D scanners can only display a 3D image of your feet with a grid-like texture. The Aetrex Albert 2 Pro and Albert 3DFit scanners use our state-of-the-art, patented computer vision technology, allowing us to collect complete, accurate data and also provide a realistic, life-like 3D reconstruction of your feet, with or without socks. Only Aetrex Albert scanners are able to collect complete, accurate information about your feet and show it in this way. It's also a fun feature that consumers love to interact with.

Voice-Activated Learning Center

All Albert scanners feature HARMAN eNova's AI-powered voice assistant software. The voice activation feature makes navigating our Albert scanners easy and safe in today's environment. The life-like 3D animated character, aptly named Albert, guides store associates and consumers through the scanning process. The Albert character really comes to life in the Learning Center where users can ask Albert any question about their foot scan, foot health or Aetrex Orthotics. Albert will immediately reply with audio, typically accompanied with visuals and videos.

FitGenius™ AI Platform

FitGenius is a proprietary artificial intelligence platform created to custom match customers' unique foot profiles with their ideal footwear styles and sizes based on a retailer's inventory on their website. The goal of FitGenius is to replicate as much as possible the in-store try-on experience when customers are shopping online to help reduce returns. The program can be accessed in store through the Albert software and applied to a retailer's website with the FitGenius plug-in. Additional online benefits for retailers include customized email campaigns and other social media applications.

Albert Control Panel

The Albert Control Panel is a CRM dashboard where retailers can easily access, filter, and export all Albert foot scan data. The control panel helps retailers monitor Albert scanner usage by store and by sales associate. It can then filter all customer foot scan data by store, which can be used to create customized marketing programs targeted to the customer's needs based on foot size, width, arch height, and much more.

Aetrex Premium Orthotics

Aetrex Premium Foot Orthotics are recognized as the #1 orthotic system on the market today. They are available in a variety of styles and are custom selected based on the data gathered from an Albert foot scan. Aetrex Orthotics feature options such as metatarsal support for ball-of-foot protection and medial posting to realign the rearfoot and control over-pronation.

Aetrex 3D Printed Custom Orthotics

3D printing allows Aetrex to offer a fully custom made orthotic by translating complete data from a foot scan to create an orthotic that matches precisely to an individual's pressure points and foot profile. The patented Aetrex 3D Printed Orthotics are printed with different structures to every cm^2 underfoot to provide a new level of customized pressure reduction that's never been achieved before.

SizeRight Mobile App. One Click for a Better Fit™.

SizeRight is a web-based app that can be accessed directly from a retailer's website without having to leave the site or go to the app store. Quick and easy to use, the app requires just one photo of the customer's feet, providing the shopper with their shoe size in a matter of seconds. The integrated app then offers size recommendations per each footwear style listed on the retailer's website. The customer can use the sizing app and make purchases without ever having to leave the retailer's website.

Albert Premier Kiosk and Orthotic Display. Coming Soon.

The Albert Premier Kiosk features an all-in-one touch screen computer in a modern, sleek display presentation, making Albert 2 Pro inviting and impactful in any retail space. The Premier Orthotic Display, featuring a sliding door for accessing orthotic inventory on the retail floor, is designed to sit well with the Premier Kiosk for a consistent, modern look.

Albert G2 and Modi Kiosks

The Albert G2 Kiosk features an all-in-one touch screen computer and an impactful point of sale set up for merchandising up to 245 Aetrex Orthotics. Hi-tech and streamlined, the display features easy-to-use hand railings and and a base designed specifically for Albert scanners.

The Modi Display is a sleek and modern metal enclosed stand for the 27" all-in-one touch screen monitor. Pairing nicely with all Albert scanners, the Modi presents a clean design, elevating the overall look in-store.

Visit aetrexb2b.com for more information.

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