AlliedStar

AS 100

A choice of value for digital dentistry

SCAN ME

ARPAMED
ALMAS ROUYAN PARS
LABORATORY

Philosophy

Excellent Performance

Ultimate Experience

Cost Effective

The key members of Alliedstar team had worked on intraoral scanner for almost 10 years and had delivered award-winning products. Now Alliedstar provides the most valued intraoral scanner for digital dentistry.

AS 100 features industry-leading scanning accuracy and speed, flexible workflow, open and compatible output, simplified cable connection, and full touch screen support, while requiring neither powder nor pre-heating, enabling customers to use AS 100 with ease and efficiency.

AS 100 Highlights

High Accuracy

The innovative AS 100 intraoral scanner has reached the best-in-class accuracy level. The average deviation of full arch scan is around 20 μm, which can easily meet the needs of various clinical indications including restoration, orthodontics and implant. As one of the most accurate scanner on the market, AS 100 offers protocol-free scanning experience and mitigates the impact of unskilled operations with its surplus precision.

Fast Scanning

The high-speed vision technology adopted by AS 100 ensures smoo th and fast scanning, which greatly improves work efficiency. The intelligent scanning engine allows the user to start a scan anywhere, and pick up an interrupted scan quickly.

Easy to Use

The intuitive user interface and flexible workflow allow the user to get started with AS 100 easily, reducing pre-sales and after-sales costs. As the dependency on scanning protocol is minimized, even a beginner can complete a scan in minutes.

AI Technology

Equiped with AI image processing algorithms, AS 100 can automatically accommodate different scenes such as intraoral, extraoral, metal teeth, etc., and effectively remove unnecessary soft tissues during scanning.

Compact Size

AS 100 is compact and easy to hold, though it achieves a 16mm x 14mm high-definition field of view.

Light Weight

AS 100 is one of the most lightweight scanners on the market. With handle weight 198 grams, it will not cause discomfort even when held for a long time.

Vivid Color

AS 100 produces high-resolution and true-color images,allowing users to distinguish tooth structure and soft tissues, so that margin lines and undercut areas can be easily identified.

Reliable System

During the product development, the reliability of AS 100 is fully designed and verified. AS 100 is free of calibration for lifetime under normal use. In addition, AS 100 can withstand a certain degree of drop impact, which greatly reduces the user's maintenance cost.
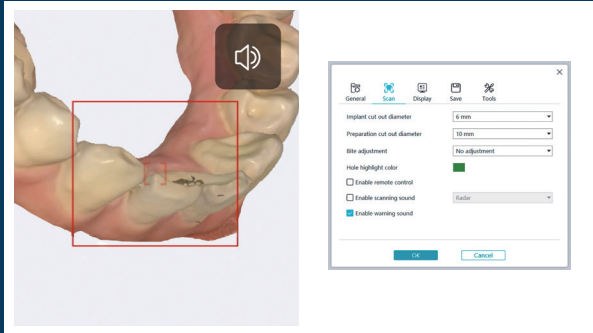
Simplified Connection

AS 100 is powered directly by the computer,so it is ready to work once the scanner cable is connected to a USB port on the computer, no need of seperate power supply. The simplified connection makes it easier to share scanner between dental chairs.
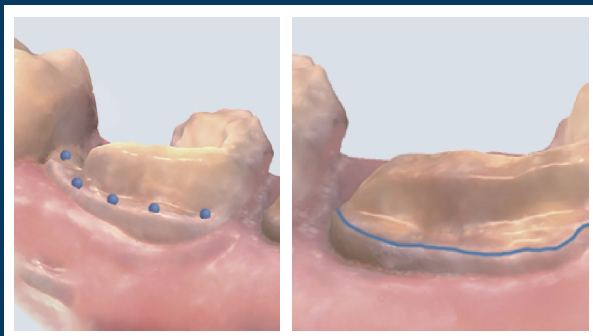
Touchless Control

With motion-capture feature and well-designed buttons on handpiece, AS 100 allows users to complete the entire process of scanning, optimizing, and exporting without touching the computer which is more in line with strict infection control requirements.
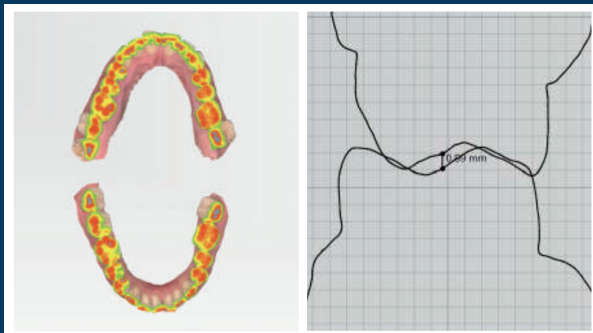
AS 100 Software Features

Smart Reminder

Audio prompts, indicating current scan status and other situations that users should pay attention to allow users to focus on the patient rather than the computer screen.
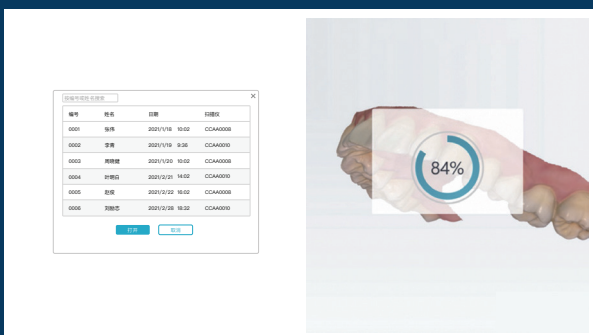

Margin Line Tools

The AS 100 software allows automatic and manual extract of margin lines. With margin lines of the preparation areas in PLY file, the laboratory can design and manufacture the restoration more accurately.

Inspection & Measurement

The AS 100 software provides multiple inspection and measurement tools. By occlusal space check, undercut detection, and distance measurement, users can identify and fix data issues before submitting to the laboratory.

Scan History

With scan history management, users can revisit an earlier scan and continue any operation.

AS 100 Software Features

Communication

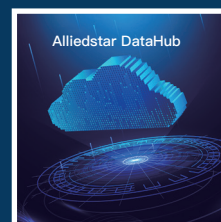**Analytics**

Dashboard

Cloud Storage

Premium Plan

Alliedstar DataHub, the new platform for data sharing and order communication, is designed to improve work efficiency.

Its integrated cloud storage, communication tools and open data architecture make the data transfer and communication with laboratory more convenient and efficient.
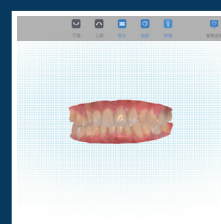
Allows users to safely archive scan data and order information without the need for local physical storage. Scan data is automatically synchronized to the cloud system, and can be easily shared with preferred laboratory.

Alliedstar DataHub

Allows users to view all the key information at a glance and keep track of the daily scan by graph. Scan data and order status are updated in real time, as well as storage usage and device status.
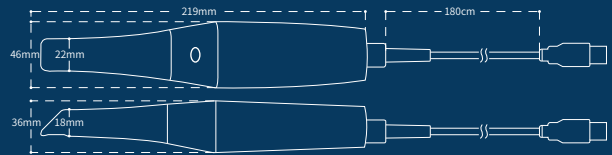
Allows users to view scan data through a web browser from PC or mobile device. Users can zoom, rotate and pan the 3D model in the web browser, as well as create a unique link to the 3D data, allowing partners to view it online.
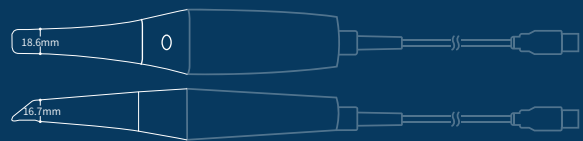
AS 100 Specification

Handle weight	198g
Color	3D full color
Connectivity	USB 3.0
Power source	USB 3.0
Field of view	16mm x 14mm(L) 12mm x 12mm(S)
Depth of view	15mm

Scanner tip (L)

219mm · 180cm · 46mm · 22mm · 36mm · 18mm

Scanner tip (S)

18.6mm · 16.7mm

About Allied Star

Founded in 2019, Shanghai, Alliedstar Medical Equipment Co., Ltd. focus on digital dentistry and imaging management. The core founding members came from the industry with profound understanding and know-hows.

Our aim is to provide world-class products with exceptional quality and reliability to help dentist providing better care with confidence.

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