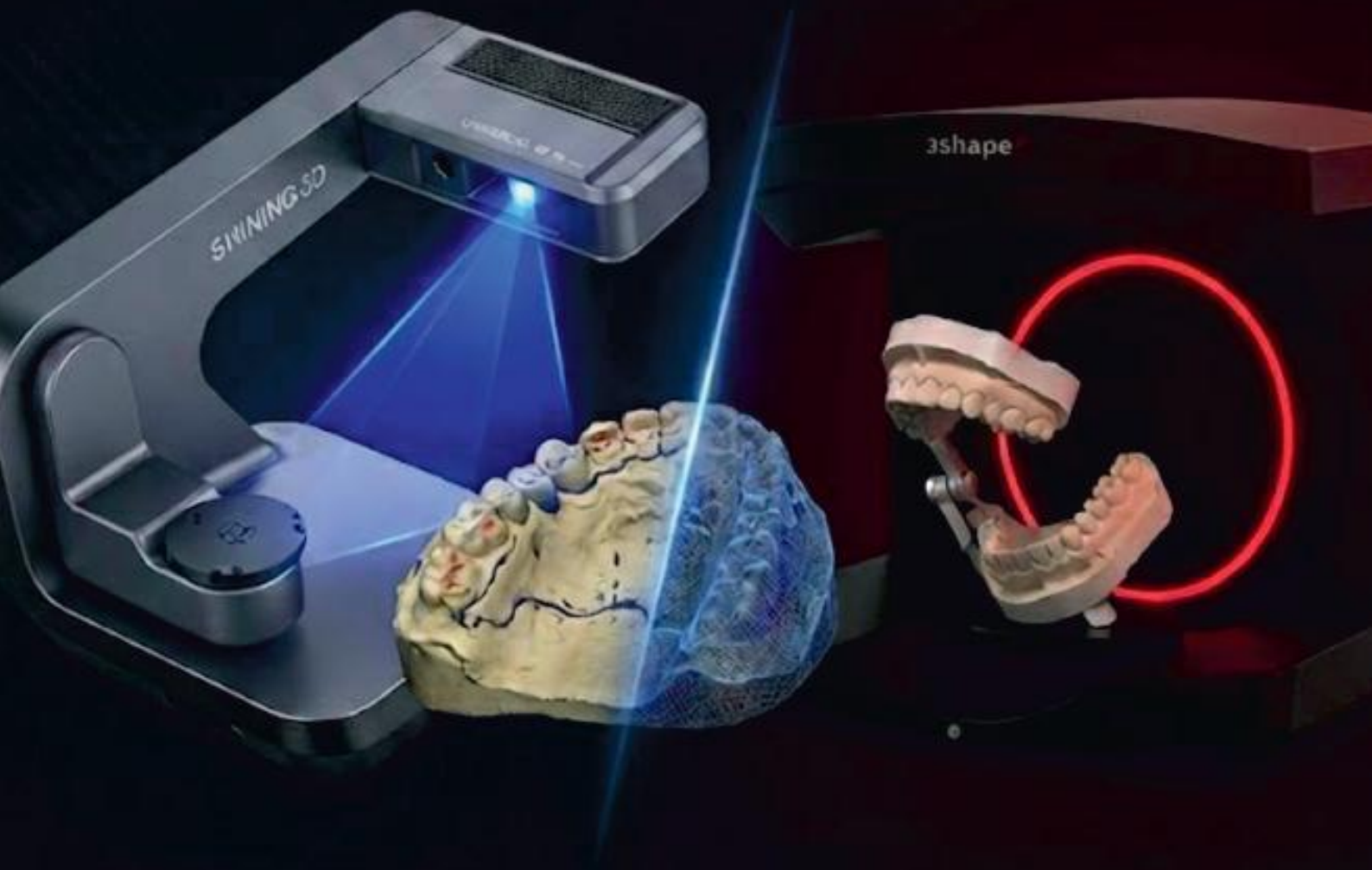


# THE NEXT GENERATION LAB SCANNER CATALOGUE

EMBRACE THE HIGH-RESOLUTION ERA  
SHINING 3D Autoscan Series & 3shape Generation Red & F8 Series

**SHINING 3D**  
DENTAL

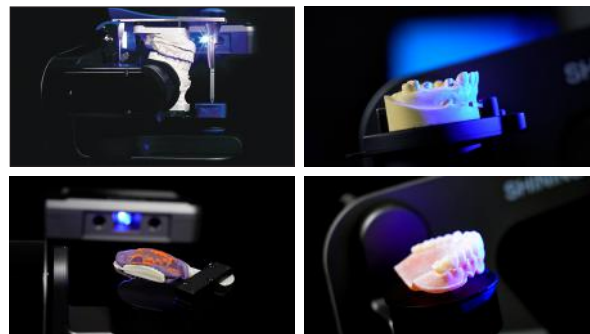
**3shape** 



## AutoScan-DS-EX Pro (H)

### Embrace The 5.0 MP Era

AutoScan-DS-EX Pro(H), developed and manufactured by SHINING 3D, is a 3D dental scanner with powerful functions for multiple applications covering scans of impressions, plaster models, articulators, implant abutments, etc. Its high-resolution cameras, advanced algorithms, and user-friendly interface bring you with superior data quality with optimal experience.



### Advanced Desktop Scanner



≤8 μm

**Ultra-high Accuracy:** Scan accuracy ≤8 μm assures reliable scan result, satisfying the requirement of various applications in dental industry completely. abutments, etc. Its high-resolution cameras, advanced algorithms, and user-friendly interface bring you with superior data quality with optimal experience.

5 MP

#### Unparalleled Details:

Equipped with dual 5.0 MP high resolution cameras, AutoScan-DS-EX Pro(H) can capture every detail of the components meticulously.



#### Fast Speed:

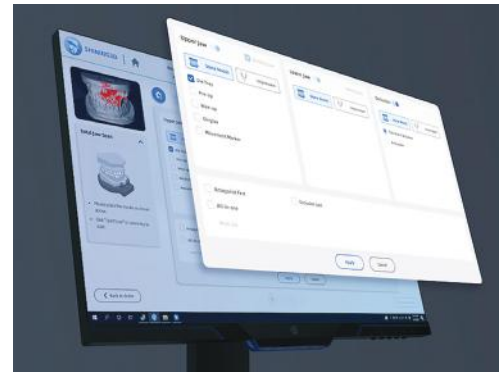
Bite scan: 7s  
Upper/Lower jaw scan: 14s  
1~4 dies scan: 18s  
5~8 dies scan: 30s  
Impression scan: 66s

## AutoScan-DS-EX Pro (H)

**Flexible Workflow:** Set up your own workflow as you prefer, increasing work efficiency like never before, all-in-one and triple tray are available to get complete scan data with less steps.

**Backstage Data Processing:** Scan and backstage data processing can be carried out simultaneously, making the whole process more efficient.

**Versatile Scan Modes:** The new software associated with AutoScan-DS-EX Pro(H) can support versatile scan modes, including Multi Path Scan, High Quality Scan, AI Scan, Texture Scan, HDR Mode Scan, Reduce High Brightness Scan, etc.



Implant Abutment



Implant Bridge



Scanbody



Texture



Model



Articulator



Full Denture



Impression



Post and Core

### AutoScan-DS-EX Pro (H) Specifications

|                   |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Camera Resolution | 2*5.0 MP                                                                                                     |
| Accuracy          | ≤ 8 μm                                                                                                       |
| Scan Time         | Bite scan: 7s; Upper/Lower jaw scan: 14s;<br>1~4 dies scan: 18s; 5~8 dies scan: 30s;<br>Impression scan: 66s |
| Articulator Scan  | Support articulator transfer                                                                                 |
| Output Format     | STL, PLY, OBJ                                                                                                |
| Light Source      | Blue Light                                                                                                   |
| Dimension         | 385*260*270 mm                                                                                               |
| Weight            | 5.0 Kg                                                                                                       |
| Interface         | USB 3.0                                                                                                      |
| Power Supply      | DC 24V                                                                                                       |

**AutoScan-DS-EX Pro (C)**

**Embrace The 2.4 MP Era**



**New Upgrades, More Distinguished**

| AutoScan-DS-EX Pro (C) Specifications |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Camera Resolution                     | 2.4 MP                                                                                                                             |
| Scan Time                             | 8 s for bite scan; 12 s for upper / lower jaw scan;<br>13 s for 1-4 dies scan; 21 s for 5-8 dies scan;<br>58 s for impression scan |
| Output Format                         | STL / OBJ / PLY                                                                                                                    |
| Light Source                          | Blue light                                                                                                                         |
| Dimensions                            | 260x270x420 mm                                                                                                                     |
| Weight                                | 5 kg                                                                                                                               |
| Interface                             | USB 3.0                                                                                                                            |
| Power Supply                          | Dc24 V                                                                                                                             |

## AutoScan-DS-EX Pro (C)

### ALL-IN-ONE SCAN

This new all-in-one scan method allows scan of quadrant models and dies at the same time, which largely simplifies the scan process and improve the scan efficiency by almost 50%

#### Conventional 4 Steps



1. Bite



2. Upper



3. Lower



4. Die

#### All-in-one 2 Steps



1. Bite



2. All-in-one

### EVEN FASTER SCAN SPEED

With increased scan speed, a single jaw scan can be finished in 12 seconds. The entire process of a separate-die order can be completed within 2 minutes and a non-separated-die order within 2.5 minutes.



Bite  
8s



1-8 Dies  
13-21s



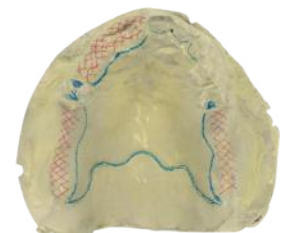
Single Jaw  
12s



Impression  
58s

### TEXTURE SCAN

Clearly captures the textures and marks on the plaster model, assisting technicians to finish the digital partial framework design.



3shape

UNICORN  
DenMart  
Behind The Best Indian Dentists

# Stay up to speed with 3Shape Generation Red Lab Scanners

3Shape E2, E3 & E4 scanners have been upgraded to the same next generation scanning platform as E4 to deliver 20% more speed than before. Designed with a signature red ring, Generation Red E scanners provide optimized productivity.



**20%** faster

## Red Lab Scanners

### E2

Increases productivity and texture scanning



- ✦ 2 x 5 MP cameras, Blue LED Multiline
- ✦ Accuracy (ISO 12836 / implant): 10 µm/12 µm
- ✦ Scan speed (arch): 24 sec
- ✦ Scan speed (full arch impression): 72 sec
- ✦ Texture: B&W
- ✦ Scanning Strategy: Standard

### E3

High performance and implant bar accuracy



- ✦ 2 x 5 MP cameras, Blue LED Multiline
- ✦ Accuracy (ISO 12836/study model): 7 µm/10 µm
- ✦ Scan speed (arch): 18 sec
- ✦ Scan speed (full arch impression): 64 sec
- ✦ Texture: Color
- ✦ Scanning Strategy: Standard

### E4

Ultra-high speed and accuracy



- ✦ 4 x 5 MP cameras
- ✦ Accuracy (ISO 12836): 4 µm
- ✦ Scan speed (full arch): 9 sec
- ✦ Scan speed (full arch impression): 45 sec
- ✦ Texture: Color
- ✦ Scanning Strategy: Die-in-model

### F8

Fast forward to design

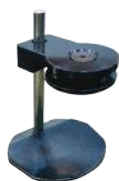


- ✦ 4 x 5 MP cameras
- ✦ Accuracy (ISO 12836): 4 µm
- ✦ Scan speed (full arch): 9 sec
- ✦ Scan speed (full arch impression): 45 sec
- ✦ Texture: Color
- ✦ Scanning Strategy: All-in-one / die in model

## Additional Accessories (Optional)



Multi Die Fixture



Two Cast Fixture



Impression Fixture



Wax Fixture



Occlusal Setup Tool

## Lab Scanner - Configurations

|                   | Scanner                                          | E2       | E3       | E4           | F8                        |
|-------------------|--------------------------------------------------|----------|----------|--------------|---------------------------|
| Scanner features  | Camera                                           | 2x5MP    | 2x5MP    | 4x5MP        | 4x5MP                     |
|                   | Accuracy                                         | 10 µm    | 7 µm     | 4 µm         | 4 µm                      |
|                   | Scan Speed (Full Arch)                           | 24 sec   | 18 sec   | 9 sec        | 9 sec                     |
|                   | Scan Speed (Full Arch Impression)                | 72 sec   | 64 sec   | 45 sec       | 45 sec                    |
|                   | Texture                                          | B/W      | Color    | Color        | Color                     |
|                   | Scanning strategy                                | Standard | Standard | Die in model | All-in-one / Die in Model |
|                   | Dual model scanning                              | X        | X        | X            | ✓                         |
|                   | Scanner connection                               | USB      | USB      | USB          | Ethernet                  |
|                   | Auto-start                                       | ✓        | ✓        | ✓            | ✓                         |
|                   | Tilt-free scanning                               | X        | X        | X            | ✓                         |
|                   | Support additional indication tools              | Yes      | Yes*     | Yes*         | Yes + F8 Tools            |
| Software and apps | Server client set-up                             | ✓        | ✓        | ✓            | ✓                         |
|                   | ScanIt Dental scanner software                   | ✓        | ✓        | ✓            | ✓                         |
|                   | Dental System (with option for cheaper scale-up) | Add-on   | Add-on   | Add-on       | Add-on                    |
|                   | Studio Apps                                      | Add-on   | Add-on   | Add-on       | Add-on                    |
| Service & support | 3Shape LMS (Essentials free / Premium paid)      | ✓        | ✓        | ✓            | ✓                         |
|                   | Warranty with LabCare                            | 5 Years  | 5 years  | 5 Years      | 5 years                   |
|                   | Express replacement                              | X        | X        | X            | ✓                         |

\*No support for F8 specific tools

## Choose Your Design Software

### Complete Restorative

**CR**

Get all indications from Premium & Removable Packages plus all available restorative add-ons to design abutments, implant bars, models and more at an attractive price.

### Crown & Bridge

**C&B**

Design full anatomies, bridges, copings, frameworks and wax-ups. Use CAD points to provide advanced indications.

### Scan Only

**C&B**

The easy way to go digital! Receive TRIOS cases or Scan gypsum models and send to an external design service.

### Premium

**P**

Design all indications from the Crown & Bridge package plus splints, digital temps, digital smile design, RealView, telescopes, post & core and more.

### Removable

**R**

For labs that specialize in providing full and partial dentures.

### Optional Add-Ons and CAD Points

**Add**

Supplement your solution with add-on modules to offer abutments, implant bars and bridges, models, dentures and more or purchase CAD Points to use on case-by-case basis

## Dental System - Software Configurations

| CAD Indications                              | Dental System™ Complete Restorative | Dental System™ Premium | Dental System™ Crown & Bridge | Dental System™ Removable |
|----------------------------------------------|-------------------------------------|------------------------|-------------------------------|--------------------------|
| Copings & bridge frameworks                  | ✓                                   | ✓                      | ✓                             | ✓                        |
| Anatomical copings & bridge framework        | ✓                                   | ✓                      | ✓                             |                          |
| Full anatomical crowns & bridges             | ✓                                   | ✓                      | ✓                             | ✓                        |
| Gingiva on all indications                   | ✓                                   | ✓                      | CAD Points / Upgrade          |                          |
| Single wax up / Wax up bridge                | ✓                                   | ✓                      | ✓                             |                          |
| Inlay / Onlay / Inlay bridge / Veneers       | ✓                                   | ✓                      | ✓                             | Upgrade                  |
| Multi-layer crowns & bridges                 | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Digital temporaries                          | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Virtual diagnostic wax-ups                   | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Post & core                                  | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Telescopes                                   | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Customized abutments & screw-retained crowns | ✓                                   | Add-on / CAD Points    | Add-on / CAD Points           | Add-on / CAD Points      |
| Implant bars and bridges                     | ✓                                   | Add-on / CAD Points    | Add-on / CAD Points           | Add-on / CAD Points      |
| Full dentures                                | ✓                                   | Add-on / CAD Points    | Add-on / CAD Points           | ✓                        |
| Removable partial dentures                   | ✓                                   | Add-on / CAD Points    | Add-on / CAD Points           | ✓                        |
| Customized impression trays                  | ✓                                   | ✓                      | CAD Points / Upgrade          | ✓                        |
| Model Builder™                               | ✓                                   | Add-on / CAD Points    | Add-on / CAD Points           | Upgrade                  |
| Positioning Guides                           | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Splints, night guards and protectors         | ✓                                   | ✓                      | CAD Points / Upgrade          | Upgrade                  |
| Ortho system                                 | Add-on                              | Add-on                 | Add-on                        | Add-on                   |
| Implant planning & surgical guides           | Add-on                              | Add-on                 | Add-on                        | Add-on                   |
| <b>Advanced Tools</b>                        |                                     |                        |                               |                          |
| Smile composer™ including sculpt toolkit     | ✓                                   | ✓                      | ✓                             | ✓                        |
| Mirroring teeth                              | ✓                                   | ✓                      | ✓                             | ✓                        |
| Simultaneous modeling on upper & lower       | ✓                                   | ✓                      | ✓                             | ✓                        |
| Dynamic virtual articulation                 | ✓                                   | ✓                      | ✓                             | ✓                        |
| Attachments                                  | ✓                                   | ✓                      | ✓                             | ✓                        |
| Realview™ engine with 2D design guidelines   | ✓                                   | ✓                      | Upgrade                       | ✓                        |
| Align and re-use design                      | ✓                                   | ✓                      | ✓                             | ✓                        |
| CAD block placement                          | ✓                                   | ✓                      | ✓                             | ✓                        |
| 3Shape communicate™ (2GB storage included)   | ✓                                   | ✓                      | ✓                             | ✓                        |
| TRIOS® inbox & shade measurement             | ✓                                   | ✓                      | ✓                             | ✓                        |
| Basic / Expert mode                          | ✓                                   | ✓                      | ✓                             | ✓                        |
| Advanced design validation tools             | ✓                                   | ✓                      | ✓                             | ✓                        |
| Manufacturing Inbox™                         | 50 Connections                      | 50 Connections         | 50 Connections                | 50 Connections           |
| Full manufacturing equipment compatibility   | ✓                                   | ✓                      | ✓                             | ✓                        |
| 3Shape LABcare™ included in subscription     | ✓                                   | ✓                      | ✓                             | ✓                        |

|                      |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| ✓                    | Included in the specific Dental System™ Software version                                                   |
| Add-on / CAD Points  | You can either use CAD points for each case or purchase of add-on module (sold separately)                 |
| Upgrade              | Requires upgrade to Dental System™ Premium edition / Complete Restorative (Sold Separately)                |
| CAD Points / Upgrade | You can either use CAD points for each case or upgrade to Dental System™ Premium edition (sold separately) |
| Not Available        | Not available for this scanner model / software version                                                    |



WHERE TRUST COMES FIRST



**Warranty Ke Saath Bhi  
Warranty Ke Baad Bhi**

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\* Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

Ver 05/2026



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