

DEXIS™ IOS Solutions — Intraoral Scanner Family

Designed in collaboration with Studio F. A. Porsche

IS 3700

The IS 3700 combines accurate, turbo-speed scanning with the sleek style you expect from a high-performance intraoral scanner.

- Proven to scan a single arch in 30 seconds¹ thanks to turbo scan speed capability
- Delivers optimal aesthetic detail with Smart-shade matching capability and automated multi-gradient tooth report
- Anti-reflective mode enables the practitioner to scan shiny and metallic surfaces
- Enhances patient communication through realistic texture



IS 3800

The IS 3800 provides a comfortable high-performance, and extremely accurate scanning experience.

- The most compact and lightweight of the DEXIS scanners weighing only 190 g
- Smooth scanning thanks to 30% larger capture window (16 mm to 14 mm FOV) than IS 3700
- A broad depth of field improves the capture of deep areas such as emergence profiles and margin lines
- Proven to scan a single arch in 25 seconds¹
- Intelligent cable locking system prevent disconnection of the scanner during scanning
- Plug and play cable which addresses multi-room practices with multiple workstations
- Offers three interchangeable tips that can be autoclaved up to 110 cycles



IS 3800W

The IS 3800W delivers the same high-speed scanning experience as the IS 3800 but in a wireless form factor for optimal ergonomics and performance.

- High-performance wireless intraoral scanner for optimal mobility
- Lightest and most compact² wireless intraoral scanner in the market
- Offers up to one hour of continuous scanning on a single battery charge
- Smart charging station and back-up power cable ensures the scanner is always ready to use
- Dedicated point-to-point WiFi access ensures a robust and stable transmission for continuous and efficient scanning
- Multiple dongle capability facilitates simple sharing from workstation to workstation
- 5 GHz wireless connection does not require line of sight, enabling flexible configuration



Portfolio Comparison

	IS 3700	IS 3800	IS 3800W
PC Configuration	Lenovo laptop or DEXIS™ IS Voyager configuration	Lenovo laptop or DEXIS™ IS Voyager configuration	Lenovo laptop or DEXIS™ IS Voyager configuration
Autoclavable normal, side and posterior tips	60 cycles	110 cycles	110 cycles
Field of view	Normal: 13 x 13 mm	Normal: 18.9 x 16.9 mm Side: 20 x 15.5 mm	Normal: 18.9 x 16.9 mm Side: 20 x 15.5 mm
Depth of field	-2 to 12 mm	-2 to 16 mm	-2 to 16 mm
Weight	316 g excluding scanner cable/power box	240 g (includes battery)	240 g (includes battery)
Dimensions without cable	218 x 36 x 58 mm	226 x 38 x 50 mm	226 x 38 x 50 mm
Anti-fogging	Onboard heater	Quiet fan warms tip/cooling handpiece	Quiet fan warms tip/cooling handpiece
Intraoral 2D image	Extracted	Direct capture	Direct capture
Dataset accuracy	Higher	Higher	Higher
File export types	STL, PLY, OBJ, xOrder for DWOS, Dentalproject for exocad	STL, PLY, OBJ, xOrder for DWOS, Dentalproject for exocad	STL, PLY, OBJ, xOrder for DWOS, Dentalproject for exocad
Data exchange with preferred lab	✓	✓	✓
Quadrant snapshot reports for orthodontic summary	✓	✓	✓
Improved color mesh	✓	✓	✓
Turbo-scan speed	✓	✓	✓
Smart-shade matching	✓	✓	✓
Anti-reflective mode	✓	✓	✓
Design by Studio F.A. Porsche	✓	✓	✓
Enhanced, broad depth of field		✓	✓
Ultra lightweight		✓	✓
Gesture motion control		✓	✓
Wireless			✓

The table below factors in scan speed times, ease of use and learning curve.

Our technology behind our proven accuracy is similar across all models.

	IS 3700	IS 3800	IS 3800W
Restorative	●●●	●●●	●●●
Orthodontic (dual arch)	●●	●●●	●●●
Implant	●●●	●●●	●●●
Denture (edentulous spans)	●	●●●	●●●
Sleep (dual arch)	●●	●●●	●●●

● Good ●● Better ●●● Best

1 Internal in vitro test.

2 Compact size claim based on length.

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