DEXIS™
IS 3700

Precision, accelerated

DEXIS IS 3700

ⓔ DEXIS™

"Design must be honest."

— Prof. Ferdinand Alexander Porsche

Design isn't simply decoration or superficial beautification.
Instead, design is a perfect symbiosis of form and
function. For this to be achieved, one must fully grasp an
object's functionality. The object at grasp is the IS 3700.
Collaboratively designed with Studio F. A. Porsche, the
IS 3700 combines a user-centric form with a workflow
focusing on patient and practitioner.
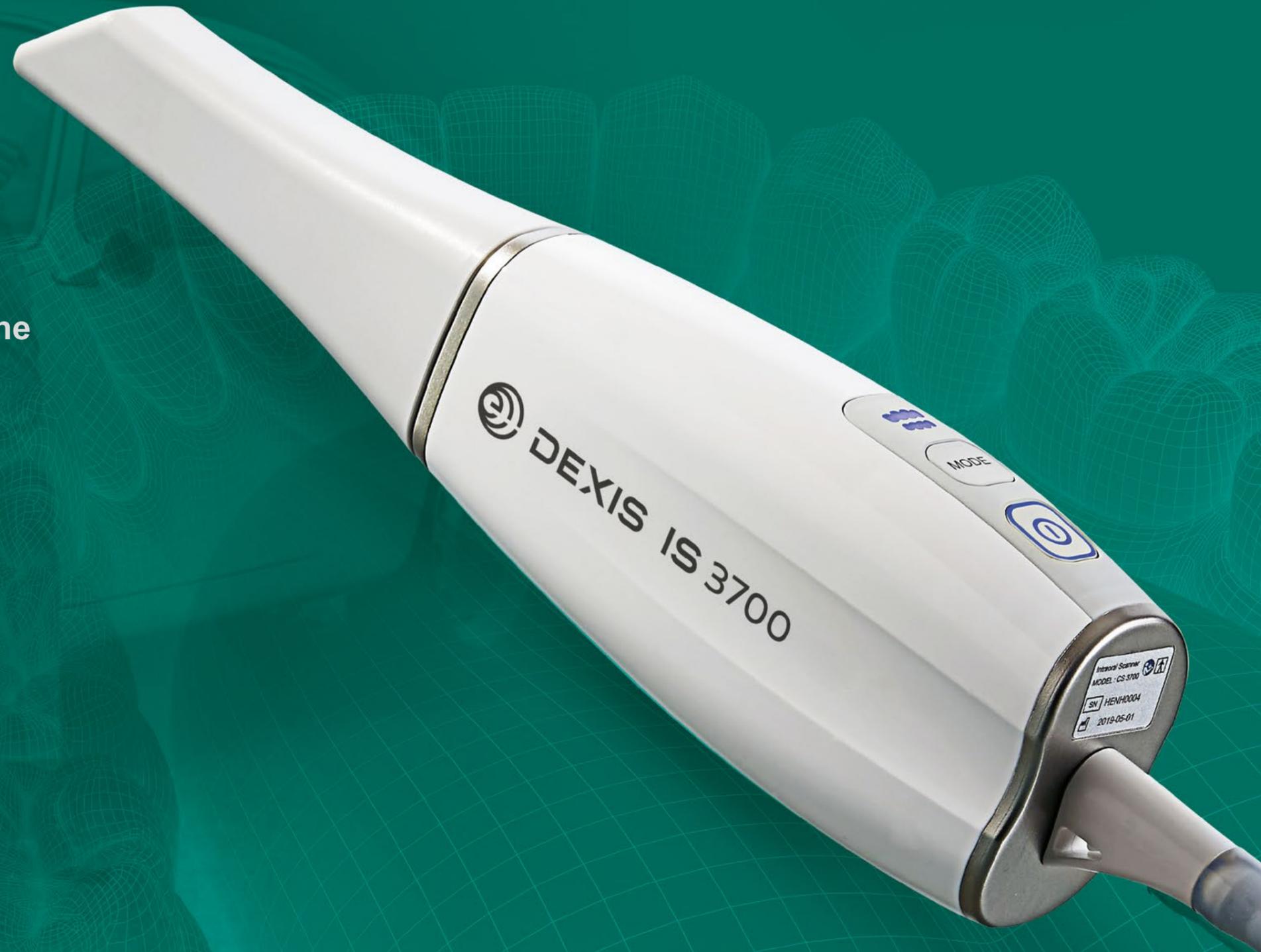
High Performance:

A hallmark of Studio F. A. Porsche

Ergonomic design perfected by Studio F. A. Porsche. Advanced functionality centered around your personal workflow needs. Performance that sets a new bar for intraoral scanning.
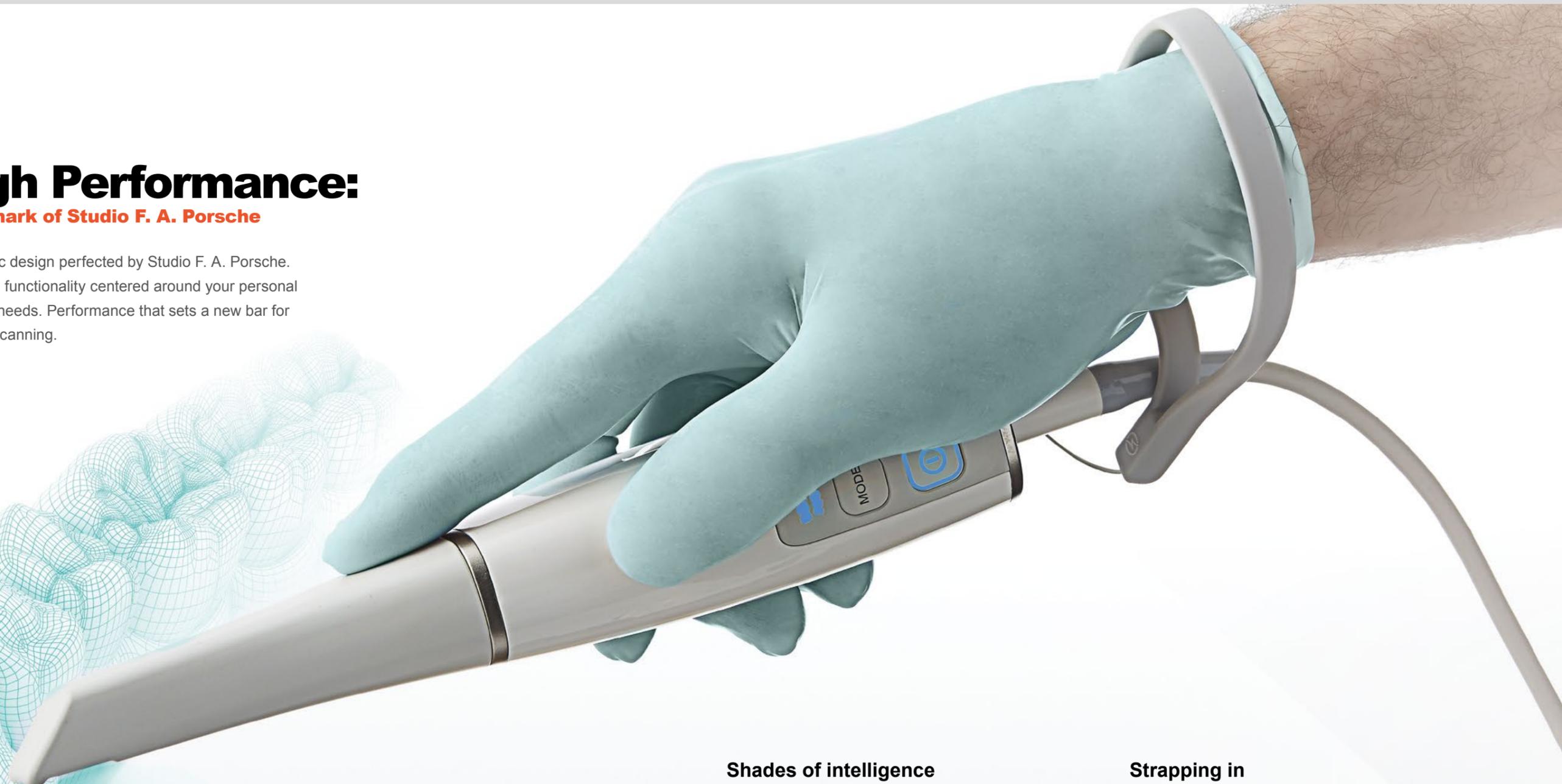
Shades of intelligence

Patented Smart-shade matching provides automatic selection and recording of shade information.

Workflow freeflow

Revolutionary workflow lets users navigate freely among different clinical applications, including restorative, orthodontic, implant and sleep device.

Gripping curves

An ergonomically optimal grip channel empowers oral health professionals with a balanced sense of scanner control.

Strapping in

The optional wrist strap connects user to the device for optimal control and care of the scanner.

The added touch

Touchscreen capability eliminates the extra steps of operation caused by switching back and forth between the scanner and the mouse.

Precision, accelerated

The IS 3700 features turbo speed scanning that's tested and proven to scan in vitro single arches in 30 seconds,[1] with better accuracy than the IS 3600.[2]

Show Your
True Colors

Our patented Smart-shade color matching technology analyzes more data than other intraoral scanners, automatically detecting the enamel color of the scan area to identify the ideal match

We approach color from all angles

We don't determine the shade from a single RGB value. Instead, the IS 3700 features Bidirectional Reflectance Distribution Function (BRDF), which uses triangulation to factor in both the direction of illumination and the detection, providing more true-to-life color matching.

Incoming light source

Emissive radiant light

True-to-life color BRDF detection

Smart-shade

DEXIS IS 3700

Shades of intelligence

Unlike other systems, which collect color values from a single view, the IS 3700 collects actual shade values from several views of the tooth surface, leading to a more accurate match.

OTHERS:
Texture-Based Shade Matching

IS 3700
BRDF

VS.

Smart-shade matching report

In a single click, Smart-shade matching automatically generates a shade report for the selected area of interest, allowing users to easily share the outcome with the dental lab or referral.

Smart-Shade Report

! You can select a tooth to edit the shade data.

	A2	B4	A2	B4	A4	A2	A2		A2	A2	B3	A2	A2	A4	A4	
	A2	A2	A2	A2	C1	A1	0M3	A1	A1	A2	A2	A2	B3	B4	
	B4	A3	C1	C4	D2	C1	C1	C1	C1	C3	C3	B1	D2	B2	
18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28
48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
	A2	A2	B2	D2	A2	D3	C1	D3	B2	A2	A2	A2	A2	A2	
	--	A4	C4	A3	A2	A2	A2	A2	A2	A2	A2	A2	A4	--	
	A4	A4	A4	A4	A2	A2	A2	A2	A2	A2	B4	B4	B4	A4	

Calibrated for brilliance

The IS 3700 comes out of the box calibrated to provide reliable and stable shade matching results. Then, after 50 hours of usage, the smart-calibration tool alerts the user to calibrate the scanner through a simple 12-second guided calibration on a grey card.

Workflows that
Let You Work Freely

IS ScanFlow software completely redefines intraoral scanning workflow. Unlike other scanning acquisition software, IS ScanFlow is completely open, letting you work freely among different clinical applications with open workflow capability, expanded processing options, one-click export and touchscreen capabilities.

Comprehensive workflow capacity
An innovative new workflow design lets users navigate freely among different workflows from a single scan.

Expanded processing
Expands data processing options, processing datasets quickly and accurately.

One-click export.
Simplifies data export and exchange.

Touchscreen capabilities
An intuitive interface delivers direct software interaction via streamlined touchscreen navigation.

Hybrid scanning
Enhances the capture of challenging data with hybrid scanning restorative and implant-borne restorative workflows.

IS ScanFlow —
Simplicity at Work

1

Scan:
Begin scanning the patient and choose the evolutionary workflow based on your personal preferences or your patient's clinical needs.

2

Check:
Once the scanning is complete, select from restorative, orthodontic and implant check options.

START

Open Workflow

Chairside Workflow

DEXIS IS 3700

4

Export:
No need to exit the software, as you can export or transfer files immediately after processing with a single click.[2]

3

Adapt (optional):
Refine the appearance of the final scan based on your preferences.

Shift Your Scanning
into Turbo

The IS 3700 doesn't just provide fast scanning. It provides turbo speed scanning. In fact, this scanner has been tested and proven to scan in vitro single arches in 30 seconds. That's 20% faster than the IS 3600, without any compromise to the accuracy of the datasets.[1]

20% FASTER SCANNING

Processing that stays up to speed.

Turbo speed scanning requires turbo speed processing. The IS ScanFlow software lets you select from multiple processing options to ensure the best option for your indication, while giving you an average of 60% time savings on refinement.[3]

60% AVERAGE FASTER PROCESSING

Integrated or Stand-alone,
The Choice is Yours

IS ScanFlow is available to all DEXIS intraoral scanning customers in a Standard configuration to meet basic scanning needs. Optional Premium[5] access provides an expanded feature-set for advanced intraoral scanner users with more specific needs.

It is available in the following configurations:
- Integrated with DTX Studio™ Clinic v3.2[6], with access via the Quick Launch button
- Integrated with Carestream Dental™ CS Imaging v8
- Stand-alone, for customers not using DTX Studio Clinic or CS Imaging

Speed & service
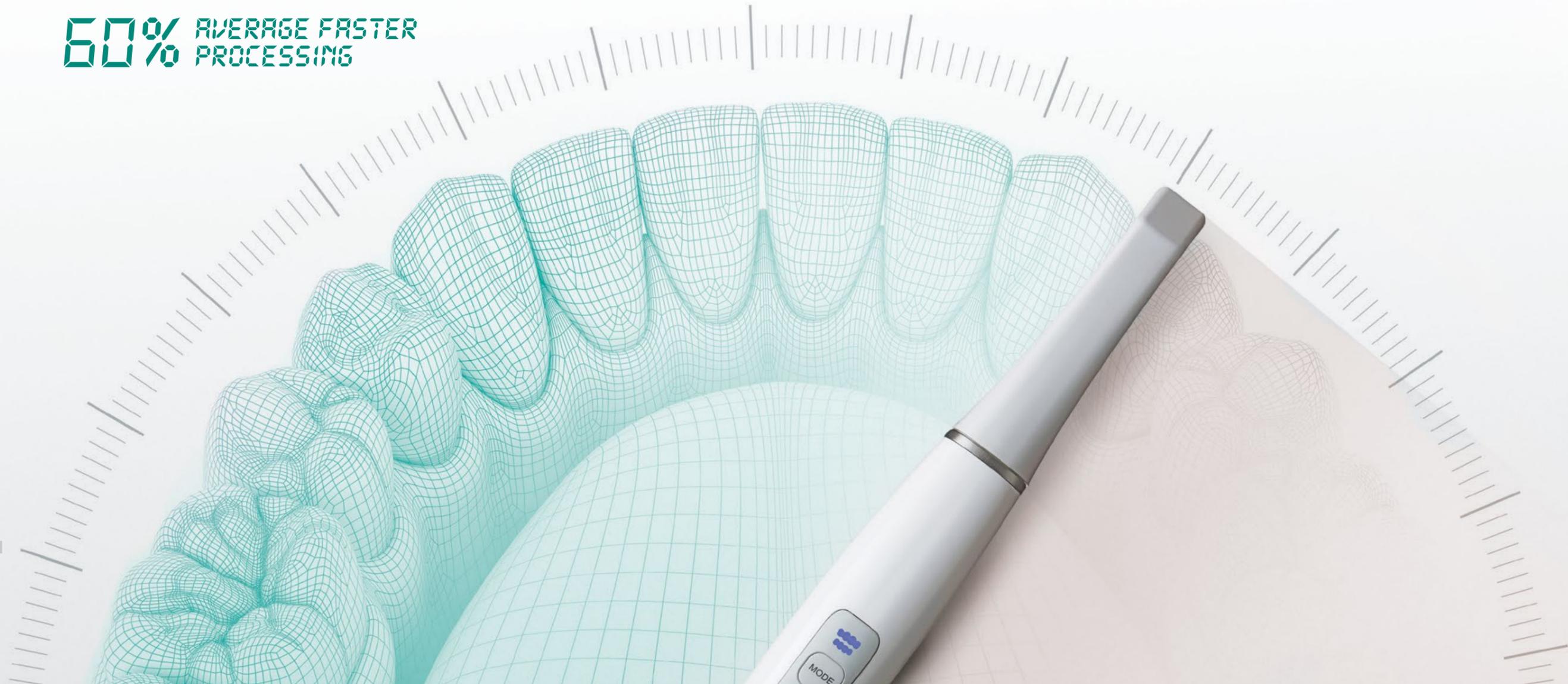
Backed by
Forward-thinking Service

Our premium service program provides a full array of service, support and warranty options for your purchase.

For ultimate peace of mind, enroll on day one.

Warranty protection
Extends the standard warranty and increases the length of coverage to best suit your needs.

Service
Covers ongoing equipment and software support as well as continuing education via online training programs.

1. When recommended PC configuration is used with CPU acquisition setting; in vitro test performed on a model.
2. Mangano FG, Admakin O, Bonacina M, Lerner H, Rutkunas V, Mangano C. Trueness of 12 intraoral scanners in the full-arch implant impression: a comparative in vitro study. BMC Oral Health. 2020 Sep 22;20(1):263. doi: 10.1186/s12903-020-01254-9. PMID: 32962680; PMCID: PMC7509929.
3. Sending files to lab or third party via IS Connect requires an internet connection.
4. With GPU (graphics processing unit) merging and improved texture mapping, the average time saving for refinement is approximately 60% on computers with 4 GB video memory.
5. Two years of IS ScanFlow Premium feature access included with each purchase. IS ScanFlow Premium can be renewed after two years or customer can revert to Standard features.
6. DTX Studio Clinic database integration is a work in progress and is planned for Q1 2023.

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