

VISION-S™ 700

WITH  EASY
REFRACTION
MODE™



PRODUCT PRESENTATION

WHAT A GOOD REFRACTION BRINGS TO THE PRACTICE?

WITHOUT A GOOD DISTANCE
AND NEAR REFRACTION,
NO PATIENT WILL BE SATISFIED.

Consumer Expectations and Behaviors with Progressive Lenses¹:

Ensuring vision quality in dispensing

Reducing non-adaptation rate

Educating patients about their visual needs

Improving patient-practitioner trust

CLARITY OF VISION

is the #1 consumer expectation
when purchasing new pair
of eyeglasses¹

1 - Consumer expectations and behaviors with progressive lenses - Study conducted by IPSOS for ©Essilor - BR/FR/IT/UK/US - 2022 (n=4062 progressive lenses wearers)



REFRACTION

needs are growing

700M

Refraction exams conducted worldwide every year¹



Myopia Epidemic



6 months Kids Myopia Management follow-up²

ACCELERATING FACTORS



Presbyopia x Aging population³



Refractive & Cataract Surgery

3B

People still in need of a refraction exam⁴

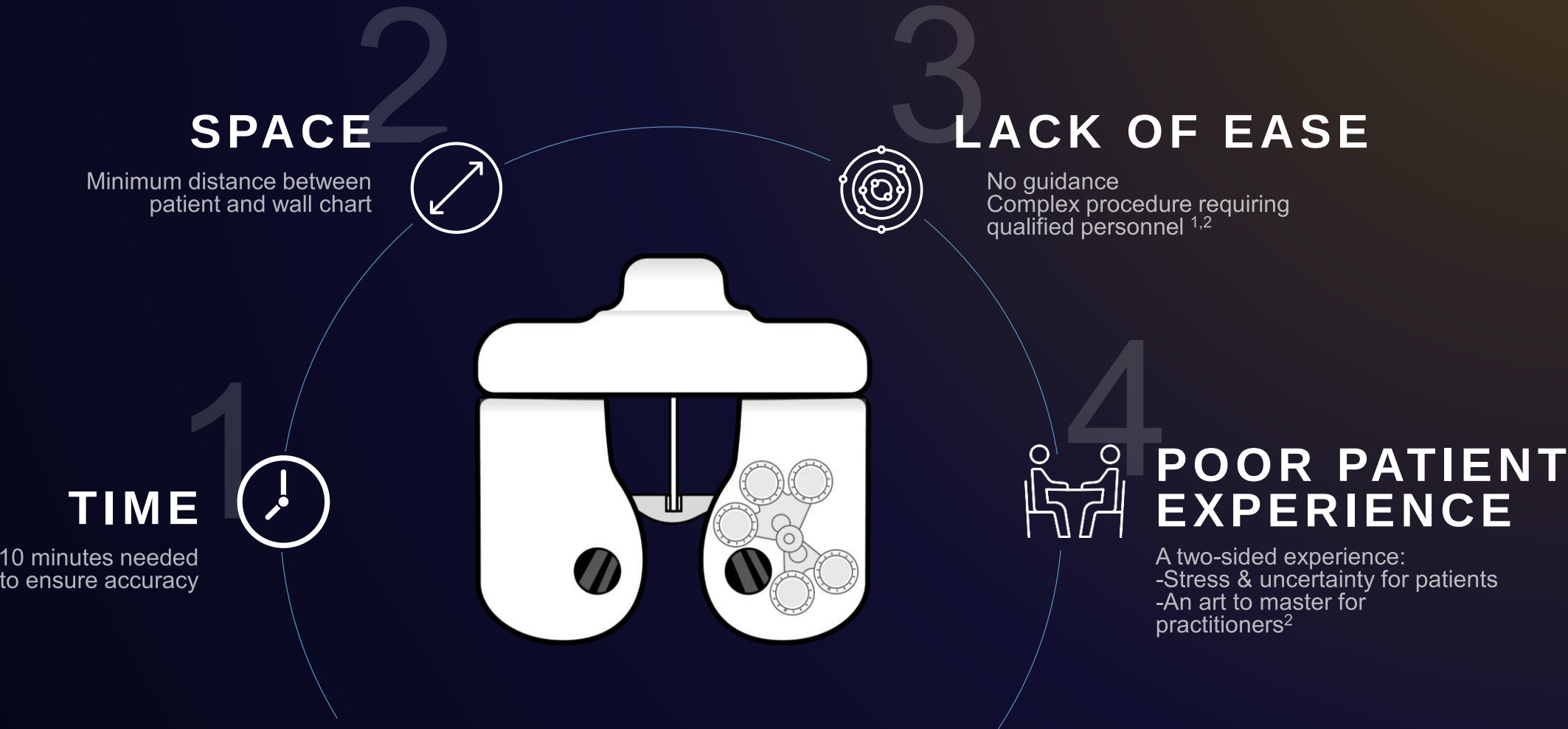
1 - EssilorLuxottica. Data on file 2021. Based on EssilorLuxottica market estimate.

2 - World Health Organization. Adapted from World report on vision [Internet]. www.who.int. 2019. Available from: <https://www.who.int/publications/i/item/9789241516570>

3 - <https://myopiainstitute.org/>

4 - <https://ourworldindata.org/world-population-growth>

But traditional refraction operates under
FOUR MAIN CONSTRAINTS



1 - Benjamin, Benjamin WJ, Borish IM. Borish's clinical refraction (second edition). Butterworth-Heinemann; 2006.
2 - Milder B, Rubin ML. The Fine Art of Prescribing Glasses Without Making a Spectacle of Yourself. Triad Publishing Company (FL); 1991.

VISION-S™ 700

IMMERSIVE REFRACTION STATION

1

**EXPAND REFRACTION
CAPACITY WITH
ENSURED ACCURACY**

2

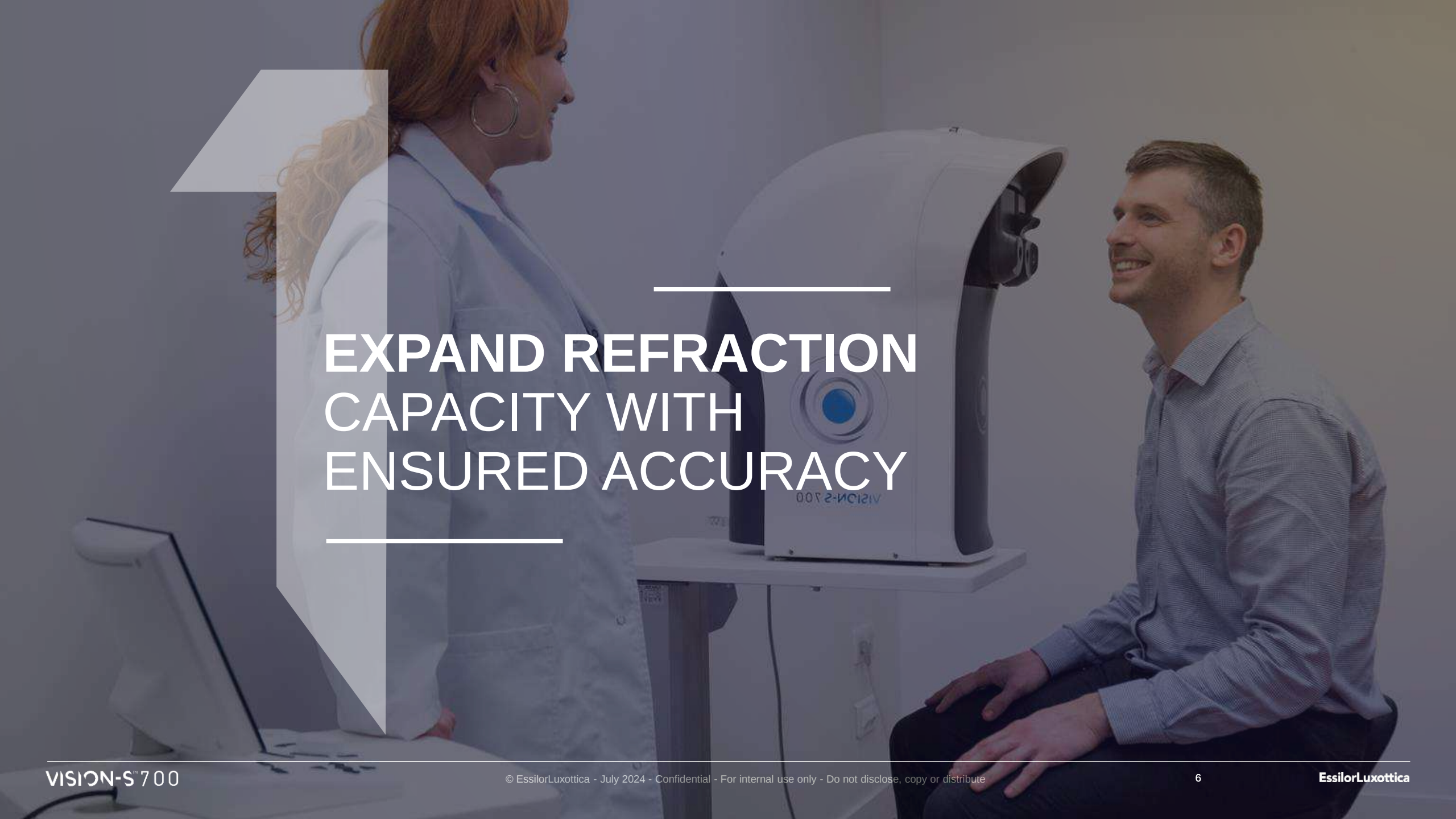
**FREE UP THE SPACE
YOU NEED AND GROW
YOUR PRACTICE**

3

**WHEN REFRACTION
BECOMES AN EXPERIENCE
TO REMEMBER**



**MAGNIFY PATIENT
EXPERIENCE,
GROW PATIENT TRAFFIC,
WITH ONE COMPACT
STATION**

A woman with red hair, wearing a white lab coat and large hoop earrings, is operating a Vision-S 700 refractometer. A man with short brown hair, wearing a light blue button-down shirt, is sitting and smiling at the machine. The machine is white and black, with a blue circular logo on the front. The background is a plain, light-colored wall.

EXPAND REFRACTION CAPACITY WITH ENSURED ACCURACY



3MIN REFRACTIONS

MADE POSSIBLE

Smart Check and Smart Complete programs allow practitioners to perform subjective refractions in 3 minutes¹ thanks to the combination of a state-of-the-art continuous lens module and algorithms. The Vision-S™ 700 provides equivalent clinical results as a traditional phoropter and 6 m screen setup².

A VARIETY OF SMART PROGRAMS

3 programs for far vision and one for near vision assessment: Smart Check, Smart Complete, Semi Auto-refraction & Smart Addition.

Recommendation feature based on patient profile : age, objective and previous subjective refraction.

RELIABLE RESULTS CONTRIBUTE TO LIMIT NON-ADAPTATIONS

With their standardized process, Smart Programs are, by design, less operator-dependent, leading to improved customer satisfaction.

1 - EssilorLuxottica. Data on file 2021- Vision-R™ 700 clinical validation study – Independent third party – Portugal –N=41

2 - Source: EssilorLuxottica. Data on file 2020. Vision-S™ 700 Clinical validation study – Independent third party – Spain–N=61

SMART CHECK

Quick refraction
without fogging

Recommended when in
presence of those
3 conditions :

Both AKR and ALM data are
available

Input data are consistent
($SE < 0.75\text{ D}$ & Balance diff
 $< 0.75\text{ D}$)

Patient is older than
29 years old



Built-in Programs



SMART COMPLETE

Quick refraction with fogging

Recommended when in
presence 1 of those 3
conditions

Only one input is available
(AKR or ALM)

Input data are not consistent
($SE \geq 0.75\text{ D}$ & Balance diff $\geq 0.75\text{ D}$)

Patient is younger than 29 years old

Equivalent to the universal program for regular digital phoropter usage

SEMI-AUTO REFRACTION

Guided refraction

Recommended when in presence 1 those 3 conditions:

No AKR or ALM data are available
Absolute SE (ALM or AKR) > 6 D on one eye or differences between the 2 data (SE >= 1.85 D on one eye or Cyl or Axis 1 D)

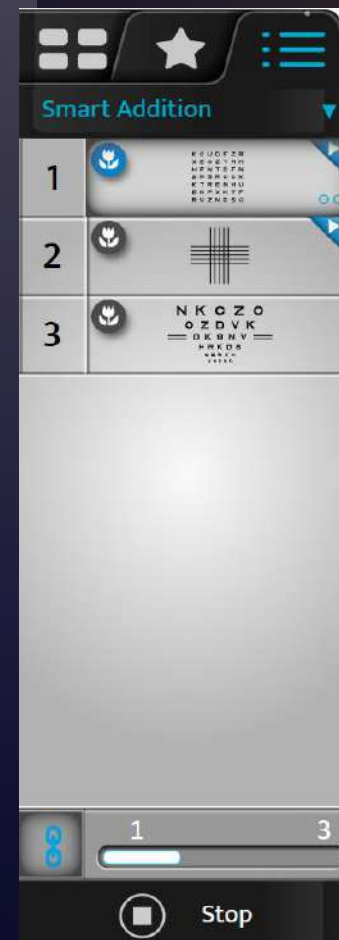
Patient is younger than 20 years old or the patient is older than 60 years old



Built-in Programs



These three programs are recommendations.
They can be customized to meet the practice needs.



SMART ADDITION

An approach of addition with a 6/10 square of letters

Finetuning the addition with the Jackson Cross Test

Checking the near vision visual acuity

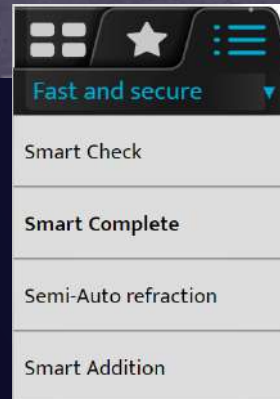
EFFORTLESS, EASY, ACCESSIBLE

Practitioners can choose among
3 different modes



1 SEMI-AUTOMATED CUSTOMIZABLE REFRACTION PROGRAMS

to perform their
preferred methods
efficiently



2 FAST AND SECURE SMART PROGRAMS

using Essilor Instruments'
proprietary vectorial algorithms
to gain time while ensuring
accuracy



3 EASY REFRACTION MODE™

Fully-guided refraction¹

Designed to ease
prescription process

¹ - Validity assessed clinically comparing Easy Refraction Mode™ with a standard subjective refraction.

EssilorLuxottica. Data on file 2023. Easy Refraction Mode™ clinical investigation performed by an independent third party performed in Portugal including N=40

INTRODUCING EASY REFRACTION MODE™

FULLY-GUIDED

Cross functional approach to refraction¹



ADAPTIVE REFRACTION SEQUENCE

Dynamic refraction program that automatically adapts the testing sequence to the patient's answers.

GUIDED USER INTERFACE

Full-screen interface with clear instructions.

Concise refraction report including patient's preferences. Additional testing accessible in 1 click.

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EssilorLuxottica. Data on file 2023. Easy Refraction Mode™ clinical investigation performed by an independent third party performed in Portugal including N=40

DESIGNED TO EASE PRESCRIPTION PROCESS



STANDARDIZE



Final spherical adjustment designed to reach patient's optimal visual acuity. Immersive final comparison for benefits demonstration.



REPORT



Concise refraction report with refraction values, visual acuities and patient's preferences.



PRESCRIBE



One-click switch to standard mode allowing additional testing and prescription adjustments.

EASILY EXPORTABLE DATA TO OTHER VISION-S™ AND VISION-R® FOR MULTI-ROOM PATIENT JOURNEY





FREE UP THE SPACE YOU NEED AND GROW YOUR PRACTICE

A refraction lane in **ONE SMALL DEVICE**

ONE OF THE
MOST COMPACT
REFRACTION STATIONS
ON THE MARKET.

The usual patient-chart distance of 20 ft (6 meters) is no longer necessary¹ thanks to exclusive distance simulation technology that allows it to test enhanced near capabilities through to infinity within the device itself.



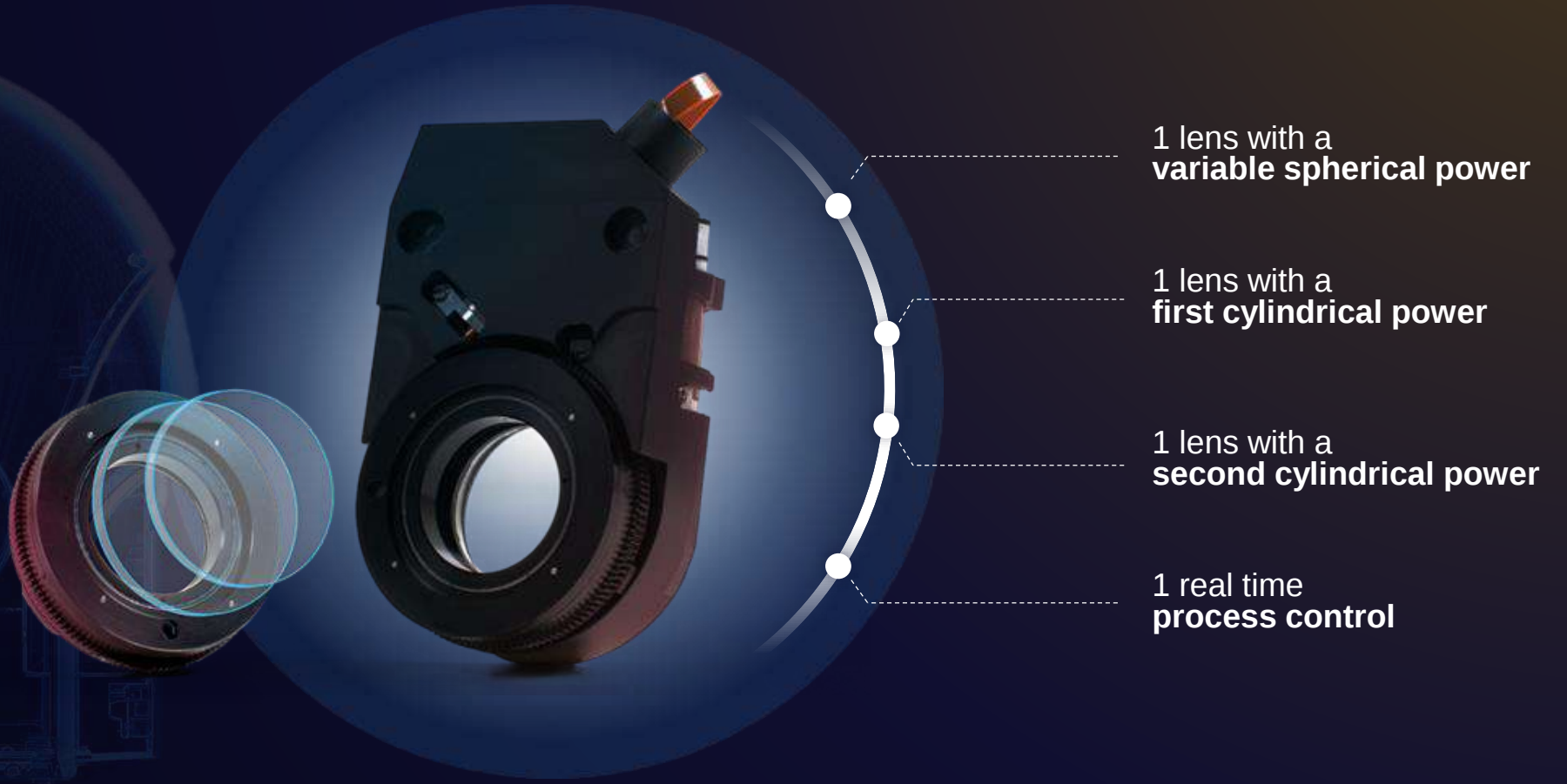
During the exam,
the patient experience
is expanded to a **wide and
infinite field of vision.**



¹ - EssilorLuxottica - Data on file 2020 - Vision-S™ 700 Clinical validation study – Independent third party – Spain – N=61.

How the **OPTICAL MODULE WORKS**

FOR ENDLESS
POSSIBILITIES...



Immersive station with
DIGITAL INFINITE REFRACTION™

**EXCLUSIVE
OPTICAL LENS MODULE**

Continuous spherical and
cylindrical power changes.

Instant and silent lens
power changes for
greater patient comfort.

THANKS TO THE OPTICAL MODULE,
**ESSILOR'S DIGITAL INFINITE
REFRACTION™ METHOD**
SYNCHRONOUSLY COMPENSATES AND MAKES
NECESSARY ADJUSTMENTS IN SPHERE, CYLINDER
AND AXIS TO REFRACT IN 3 DIMENSIONS.

Immersive station with
DIGITAL INFINITE REFRACTION™

**IMMERSIVE
AND SPACE SAVING**

Compact system with 6 m - 40 cm
charts distance immersed in
infinite wide sceneries.



The Vision-S™ 700 provides
equivalent clinical results
as a traditional phoropter
and 6 m screen set up.¹

1 - EssilorLuxottica - Data on file 2020 - Vision-S™ 700 Clinical validation study – Independent third party – Spain – N=61.

Ultra compact design **AND MORE OPPORTUNITIES**

Its ultra-compact design frees up valuable floor space, enabling you to reinvent your practice in imaginative new ways.



**FREE UP EXTRA SPACE
TO CREATE ADDITIONAL
REFRACTION LANES OR
OTHER ADDED VALUES
ACTIVITIES.**

**DEVELOP A SMALL
PRACTICE CONCEPT
THANKS TO THE
ULTRA COMPACT
DESIGN.**

Control **THE EXAM ENVIRONMENT**

When managing multiple locations, delivering a consistent eye exam experience can be a challenge.

**The Vision-S™ 700
can help you
harmonize the patient
experience whatever
the ambiance.**



Refraction
protocols

Contrast

Lighting
conditions

Background
images

Give your patients **A NEW EXPERIENCE**

The unique immersive technology¹ engages customers with a novel experience, increasing performance and optimizing processes.

Designed to demonstrate the advantages of new vision correction primary and complementary solutions, it propels the patient into scenes that enrich the refraction experience.



80%

Of patient preferred to be refracted with the **VISION-S™ 700** rather than a traditional phoropter set-up²

1 - The Vision-S™ 700 refraction system, developed by Essilor Instruments, is designed to allow patients to experience their prescription through an advanced system that displays charts and sceneries covering a wide field of view.

2 - EssilorLuxottica - Data on file 2020. Vision-S™ 700 Clinical validation study performed by a third independent party, in Spain including N=61 patients (18.9-63 years old). Compared to Essilor Instruments APH 500 digital motorized phoropter. Survey results on refraction process comparison. 80% of patients preferred Vision-S™ 700 examination over 8% who preferred a traditional set up. N=61



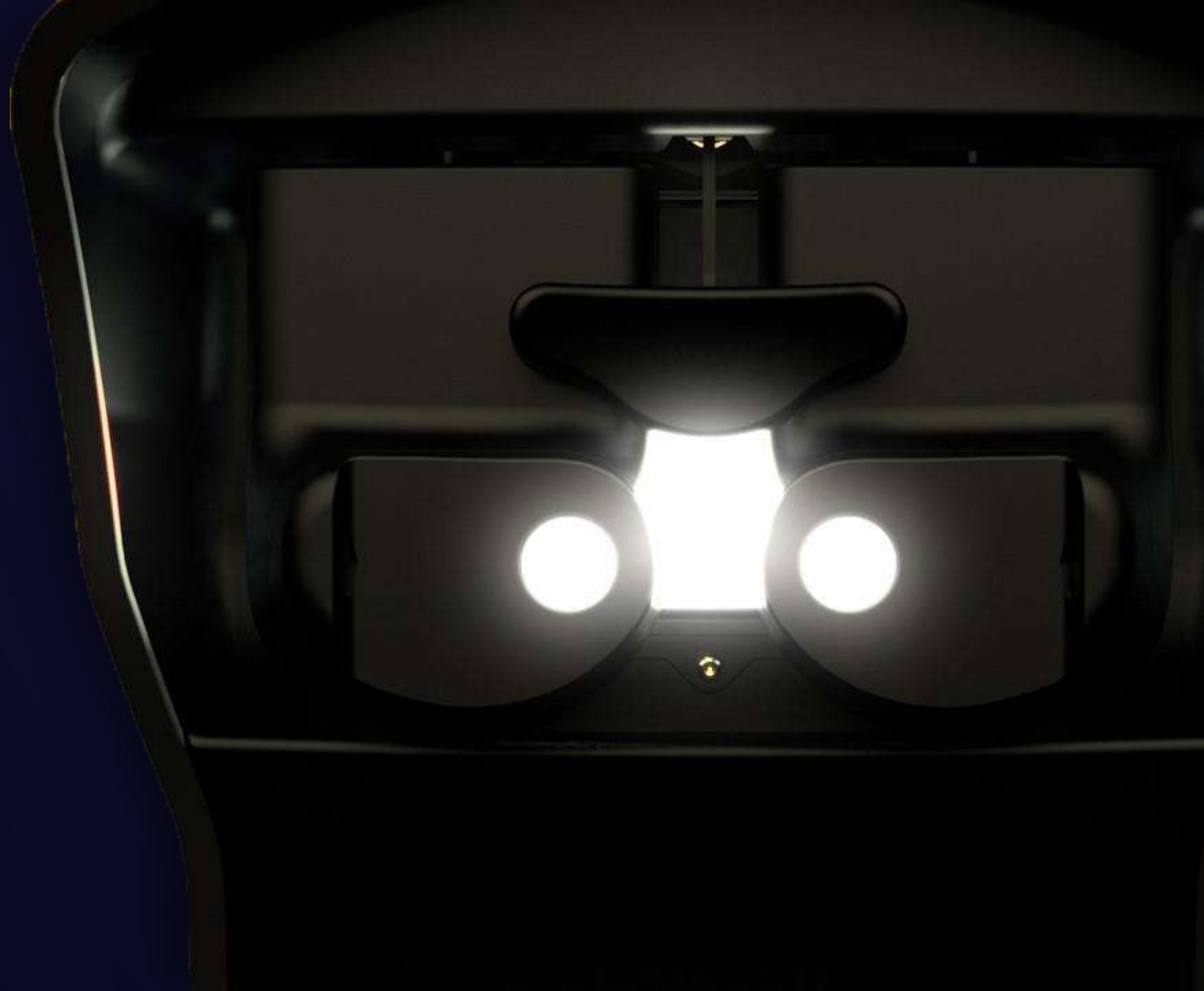
WHEN REFRACTION BECOMES AN EXPERIENCE TO REMEMBER

Show the prescription **IN ACTION**

To illustrate the prescription,
patients are placed in
real-life simulations,

Designed to help them
**visualize the benefits of
their new prescription**
in impactful situations.

Clear comparison of the
before and after refraction
results contribute to
**better informed purchase
decisions.**



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Show the prescription
IN ACTION



**INSTANTANEOUS COMPARISONS
ON REAL LIFE IMAGES**



Built on **EXCLUSIVE INNOVATION**

The Vision-S™ 700 refraction station incorporates a unique immersive technology¹

that engages customers with a novel experience, increasing performance and optimizing processes. Designed to demonstrate the advantages of new vision correction, it propels the patient into scenes that enrich the refraction experience.

To illustrate the prescription, **the patient is placed in real-life simulations**, designed to help them visualize the benefits of their new prescription in impactful situations.



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VISION-S™ 700

WITH  EASY
REFRACTION
MODE™

OUR SOLUTION TO
REINFORCE YOUR REFRACTION CAPACITY

AN ULTRA COMPACT DEVICE WITH A UNIQUE IMMERSIVE EXPERIENCE¹

A compact standalone subjective refraction unit, redefining vision care with its immersive optical path and ultra-compact design, optimizing refraction in less than a square meter.

Incorporating 3-minute subjective refraction smart programs and the fully-guided Easy Refraction Mode™², designed for a more cross-functional approach within your team.

¹ - The Vision-S™ 700 refraction system, developed by Essilor Instruments, is designed to allow patients to experience their prescription through an advanced system that displays charts and sceneries covering a wide field of view.

² - Vision-R™ 700 clinical validation study – Independent third party – Portugal – 2021 – N=41. Vision-S™ 700 and Vision-R™ 700 share the same refraction programs.

