

The image shows a white, modern digital refraction system (ETR-770) mounted on a light-colored adjustable stand. The device has a large, adjustable headpiece for the patient's eyes and a control panel with a small screen and buttons. It is positioned in a room with wood-paneled walls and a marble wall. A green vertical bar is on the right side of the image.

ELI
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ETR-770

DIGITAL REFRACTION SYSTEM

Complete eye exams,
anywhere, no traditional
lane required.

PERFORM ACCURATE SUBJECTIVE REFRACTIONS

This solution requires no refraction unit and adapts seamlessly to any environment thanks to its compact and portable design, allowing for quick and easy setup virtually anywhere.

IDEAL FOR MODERN PRACTICE ENVIRONMENTS



Optical Stores



Small Clinics and Offices



Shopping and retail environments



Pop-up and temporary exam stations



Multi-room practices



Mobile clinics and outreach programs

DO MORE EXAMS IN LESS SPACE



THE PROBLEM WITH TRADITIONAL REFRACTION

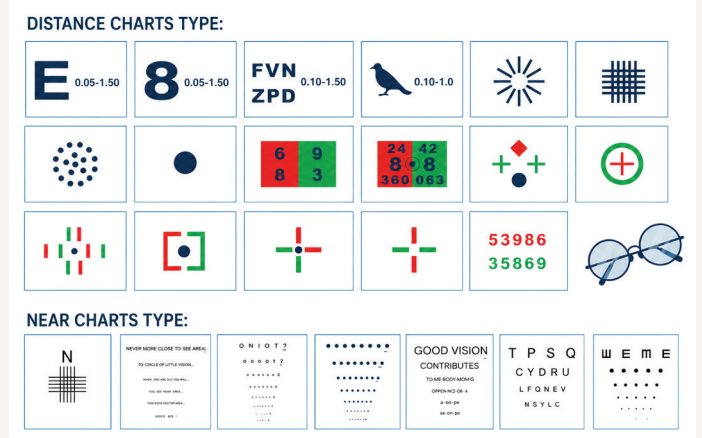
Conventional setups require large rooms, fixed installations, and a minimum working distance of 3 meters.

THE SOLUTION: ETR-770

Full refraction performance in minimal space.

NO DISTANCE LIMITATION

A comprehensive library of distance and near test charts covers every patient need, including visual acuity, contrast sensitivity, astigmatism, and specialty testing options. High-contrast optotype rendering ensures precise and repeatable results, delivering consistent clinical accuracy across every exam.



Customizable chart sequences allow you to configure the system to match your preferred exam workflow, adapting seamlessly to your practice style.

An intuitive touchscreen interface provides easy access to all tests and settings with a minimal learning curve, so your team is up and running from day one.

The centralized smart control panel allows quick adjustments during exams and seamless navigation between tests without interrupting your workflow.



Full digital integration reduces manual data entry and supports connected workflows, making the ETR-770 fully compatible with modern practice environments.

DIGITAL REFRACTOR

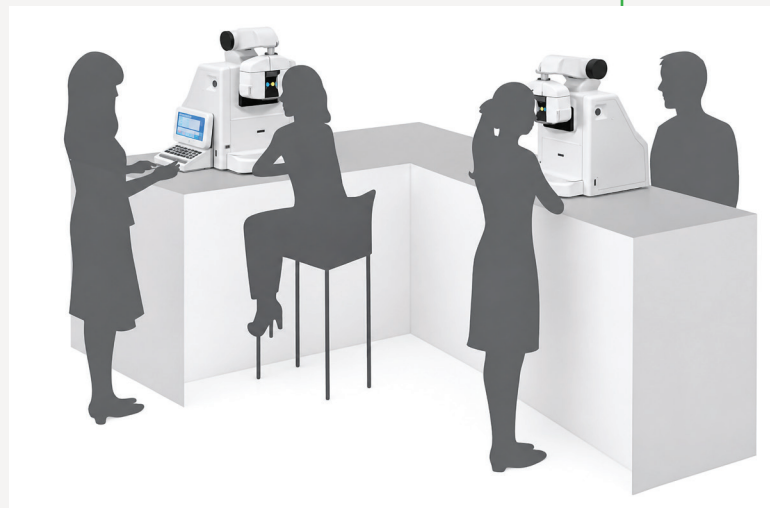
The ETR-770 features a fully automated refraction process with smooth and precise lens transitions, eliminating manual errors and enhancing measurement accuracy. Advanced automation accelerates lens changes and streamlines workflow, significantly reducing exam time and increasing daily patient throughput.

Quiet, seamless operation minimizes eye fatigue during testing, providing patients with a more comfortable and relaxed examination experience.

An intuitive interface requires minimal training, giving every member of your team immediate access to all system functions from day one.

Ergonomically positioned controls reduce strain during long exam sessions, supporting a smooth and comfortable workflow throughout the day.

Durable construction and stable performance make the ETR-770 a reliable partner for high-volume daily use, delivering dependable results every time.



USER-FRIENDLY OPERATION

FLEXIBLE INSTALLATION

Through advanced folded optics and distance simulation technology, the ETR-770 recreates real 5-meter distance and 40 cm near vision testing in a compact space — without compromising clinical accuracy. The system is well suited for a variety of applications, including compact retail settings, mobile clinics, and diverse practice environments. Designed for maximum flexibility, it easily adapts to different layouts and operational needs.



Designed for seamless digital integration, the system allows easy export of exam data, reducing the need for manual data entry. Its advanced connectivity enables effortless connection to external devices, supporting LAN, USB, and other interfaces for smooth data transfer and reliable backup. This enhances workflow by centralizing patient information, facilitating data sharing across the practice, and improving collaboration and clinical decision-making. Built with future-proof technology, it supports regular software updates and is designed to grow alongside your practice-ready for tomorrow, today.

CONNECT
EVERYTHING.
WORK
SMARTER.



CLOUD CONNECTIVITY. TELEMEDICINE

TELEMEDICINE IN MOTION

Extend your reach and deliver quality eye care beyond traditional settings.

COMPACT & FUNCTIONAL

Full diagnostic capability in a compact, easy-to-install system.

MOBILE READY

Ideal for outreach programs and remote communities.

REMOTE CONSULTATIONS

Deliver professional eye care where it's needed most.

FULL REFRACTION. ANYWHERE. ANYTIME. A NEW STANDARD IN FLEXIBLE, CONNECTED EYE CARE.

TECHNICAL SPECIFICATIONS	
Installation Distance	0.1 - 2.0 m (Simulated 5 m testing distance)
Number of Charts	33 (Distance), 7 (Near)
Chart Types	Tumbling E, Alphabet, Numbers, Children charts, Cross Cylinder, Astigmatism Clock Dial, Cross Grid, Fixation Spot, Stereo, Red & Green Panel, Worth 4-dot, Horizontal & Vertical Coincidence, Schober
Control System	Auto phoropter control panel
Chart Size	8.26 (W) x 3.15 (H) inch
Connectivity	USB, LAN, RS232
Wireless	WiFi & Bluetooth
Light Source	LCD backlight, LED fill light
Voltage	AC 100-240V, 50/60Hz
Power	75 VA
Dimensions	18 (W) x 22 (H) x 19 (D) inch



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