

FAL>IOIX5

**AUTOFOCUS: ADVANCED
ERGONOMIC VISION**

Wearable digital magnification system



*A new visual experience
with continuous autofocus,
dynamic 4x-6x
magnification and freedom
of movement.*

THE MAGNIFICATION SYSTEM THAT ADAPTS TO THE CLINICIAN

During dental procedures, magnification must provide precise visualisation of fine detail without restricting freedom of movement. The clinician changes position, distance and viewpoint, moving as required from a close-up view to a broader view of the operating field.

FALKO X5 makes magnification fully digital. The operating field is displayed directly in the headset, while focus adjusts automatically. **It does not require a custom working distance or a personalised optical set-up.**

The result is vision that follows the clinician's natural way of working, promoting **workflow continuity, freedom of movement and a more ergonomic working posture.**

KEY STRENGTHS



The operating field, right before your eyes

A single magnified digital image of the operating field, displayed directly in the headset.



Adjustable integrated lighting

An integrated circular LED spot that can be switched on or off independently of the camera, with adjustable light intensity.



From detail to the patient, without changing your working posture

From magnified vision to a full-mouth view and, finally, to direct vision - without lifting the headset.



Variable magnification and continuous autofocus

6x at 25 cm · 5x at 40 cm · 4x at 50 cm, with continuous autofocus across the entire operating range.



THE PROFESSIONALS WHO TESTED FALKO X5



Implant Surgery | Dr. R. Scaringi | Milano



Restorative & Aesthetic | Prof. A. Cerutti | Brescia



Prosthodontics | Dr. A. Gandolfi | Bologna



Implant Surgery | Dr. G. Guidi | Pesaro



Dental Hygiene | Dr. F. Profili | Osimo (AN)



Prosthodontics | Dr. A. Delfino | Napoli

TECHNICAL SPECIFICATIONS

Magnification	6× at 25 cm · 5× at 40 cm · 4× at 50 cm
Focus	Continuous autofocus across the entire operating range
Operating range	25-50 cm
Video latency	< 50 ms
Lighting	Integrated, adjustable intensity, circular spot, anti-polymerisation filter
Battery	Approx. 8 hours
Regulatory compliance	CE - Regulation (EU) 2017/745 (MDR)

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tecnologie medicali

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