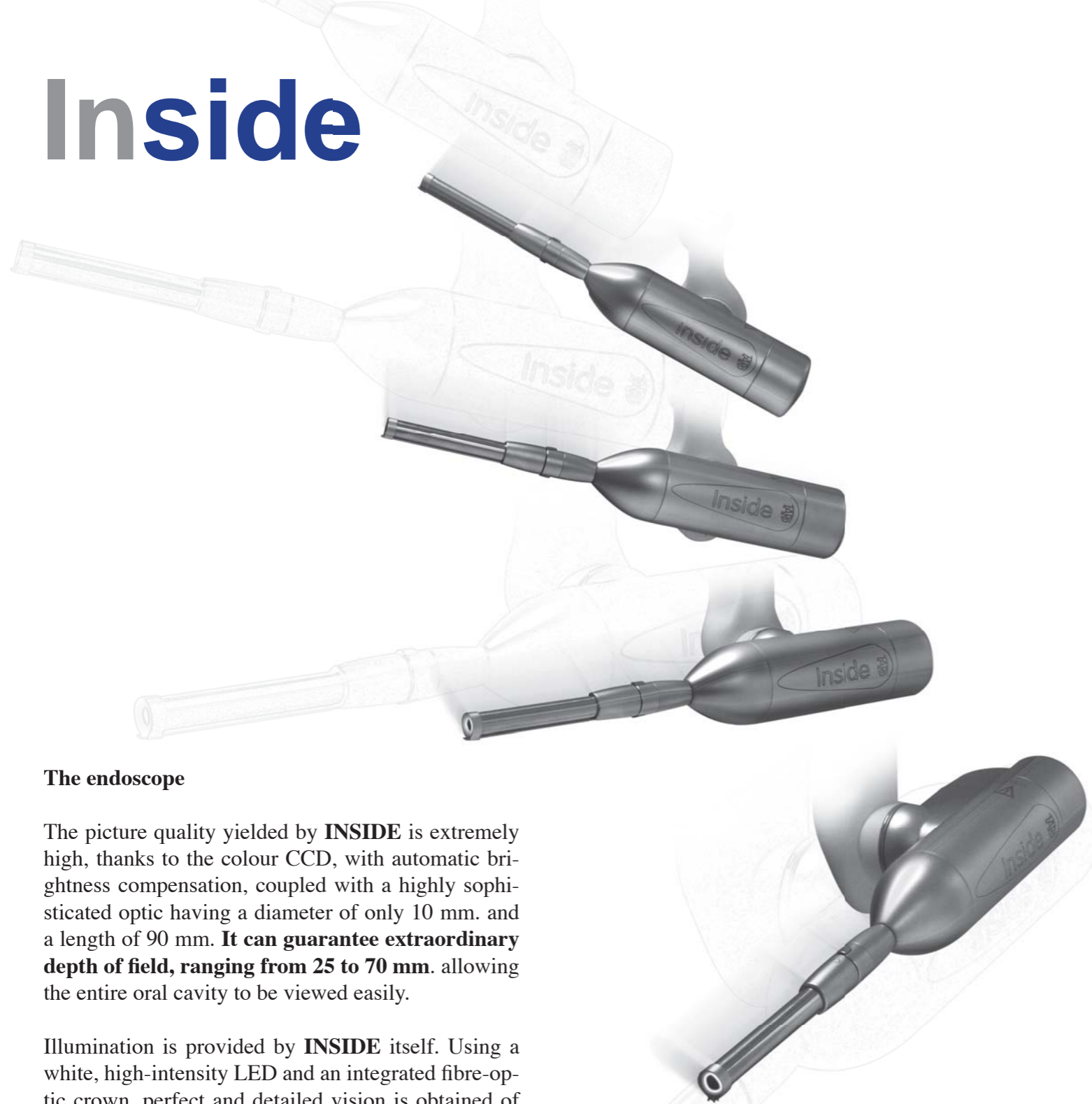








# Inside



## The endoscope

The picture quality yielded by **INSIDE** is extremely high, thanks to the colour CCD, with automatic brightness compensation, coupled with a highly sophisticated optic having a diameter of only 10 mm. and a length of 90 mm. **It can guarantee extraordinary depth of field, ranging from 25 to 70 mm.** allowing the entire oral cavity to be viewed easily.

Illumination is provided by **INSIDE** itself. Using a white, high-intensity LED and an integrated fibre-optic crown, perfect and detailed vision is obtained of every point of the working area.

Also provided is a **system for cleansing the optic and the return mirror with skimming jets of compressed air (patented by Faro) allowing the dentist to work comfortably while also using cooling sprays.**

Two types of accessories are foreseen (that can be sterilised in an autoclave) which, apart from impeding cross-contamination during use, also allow axial or angular vision.

## Freeze box

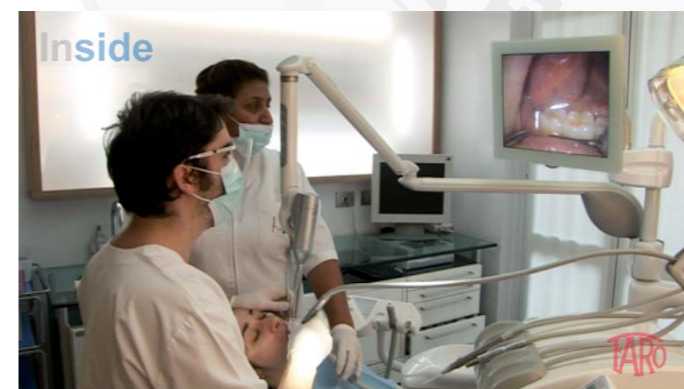
This is a remote box containing the electronics which allow the image to be frozen with a mosaic function (with 4 images) without using a PC.

The freeze box must be positioned near the arm, if possible inside the dental unit. It comes with a system for affixing it by means of dual lock Velcro which ensures its rapid and safe installation in the point chosen.

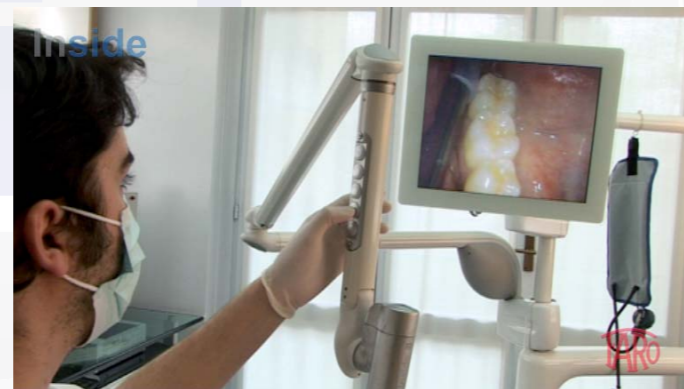
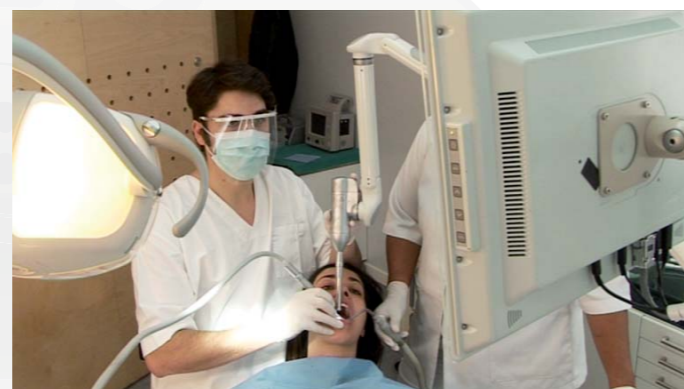


The risk of cross-infection between patient and dentist is also reduced, owing to the greater distance between the patient's oral cavity and the dentist's face. During operations, the surgery can be illuminated

exclusively by the dental lamp: **INSIDE** does not require any light other than that which generates itself. Hence it is possible to work in semi-darkness, eliminating the stress generated by excessive illumination.



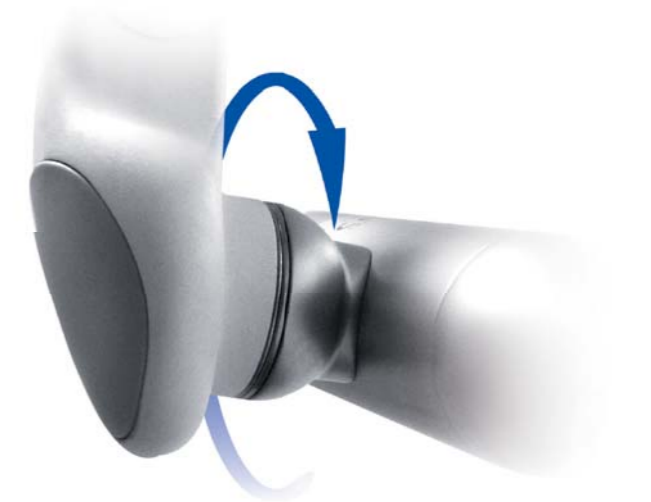
# Inside



Dentists who already use **INSIDE** use it for plaque removal, treatment of tooth decay, endodontics, parodontal therapies, implantation and other purposes. All the operations which require it can be performed using the cooling spray, thanks to Faro's patented system for cleansing the optic glass and the return mirror.

## The advantages for the dentist

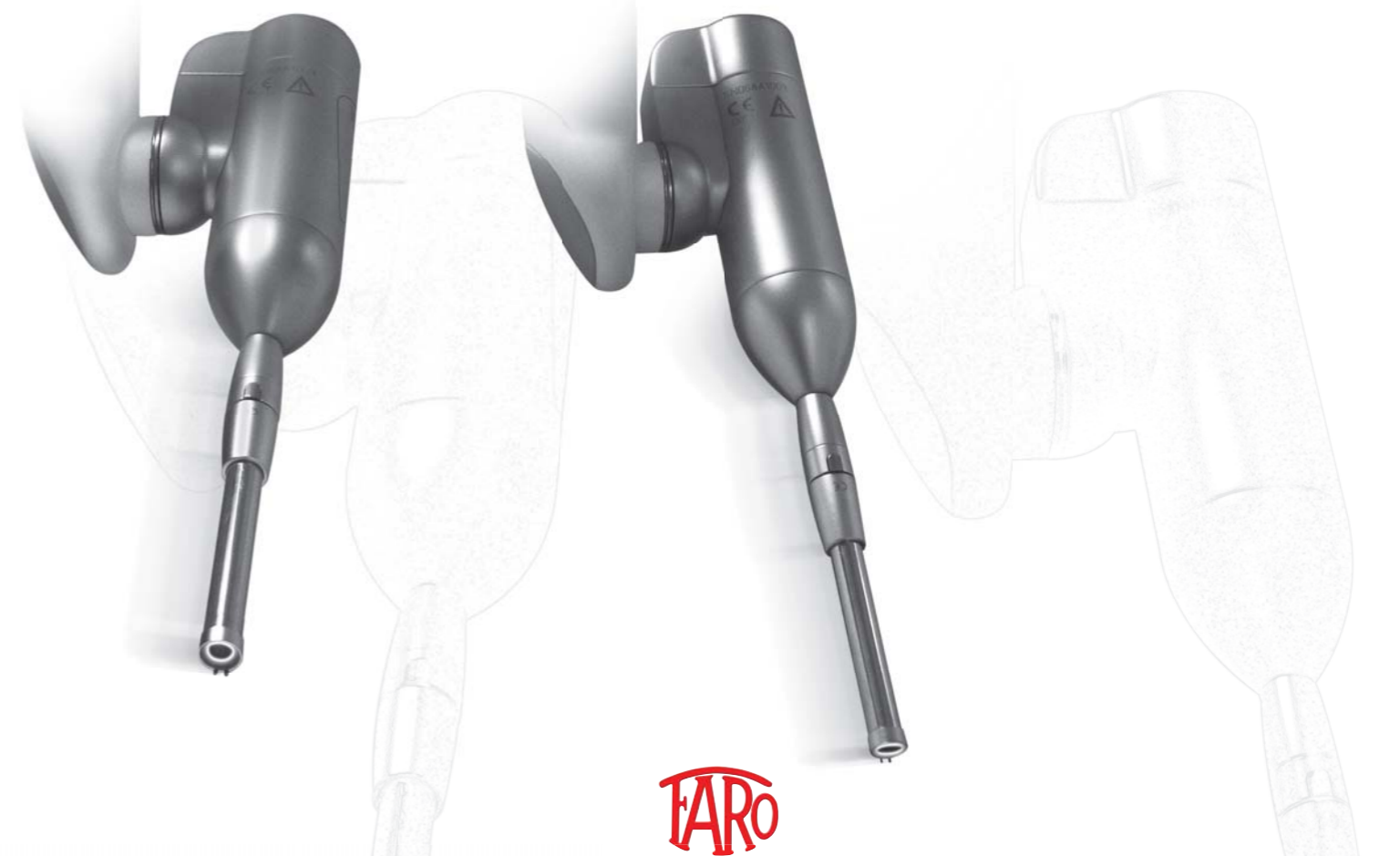
Working ergonomics is another important aspect which, thanks to **INSIDE**, is fundamentally improved. The seated, upright position, upright, guarantees less fatigue in the osteo - arthro - muscular system of the spine. In other words, at the end of a day's work, the dentist is much less tired, with significant benefits to the quality of his life.



## Installation and use of INSIDE

**INSIDE** is normally supplied with a kit containing:

- The endoscope mounted on its swivelling arm complete with 4 accessories
- The fixed monitor-holder arm
- The high-brightness monitor
- The freeze box



# Inside



FOUR ACCESSORIES SUPPLIED:  
2 FOR 90° VISION  
2 FOR DIRECT VISION



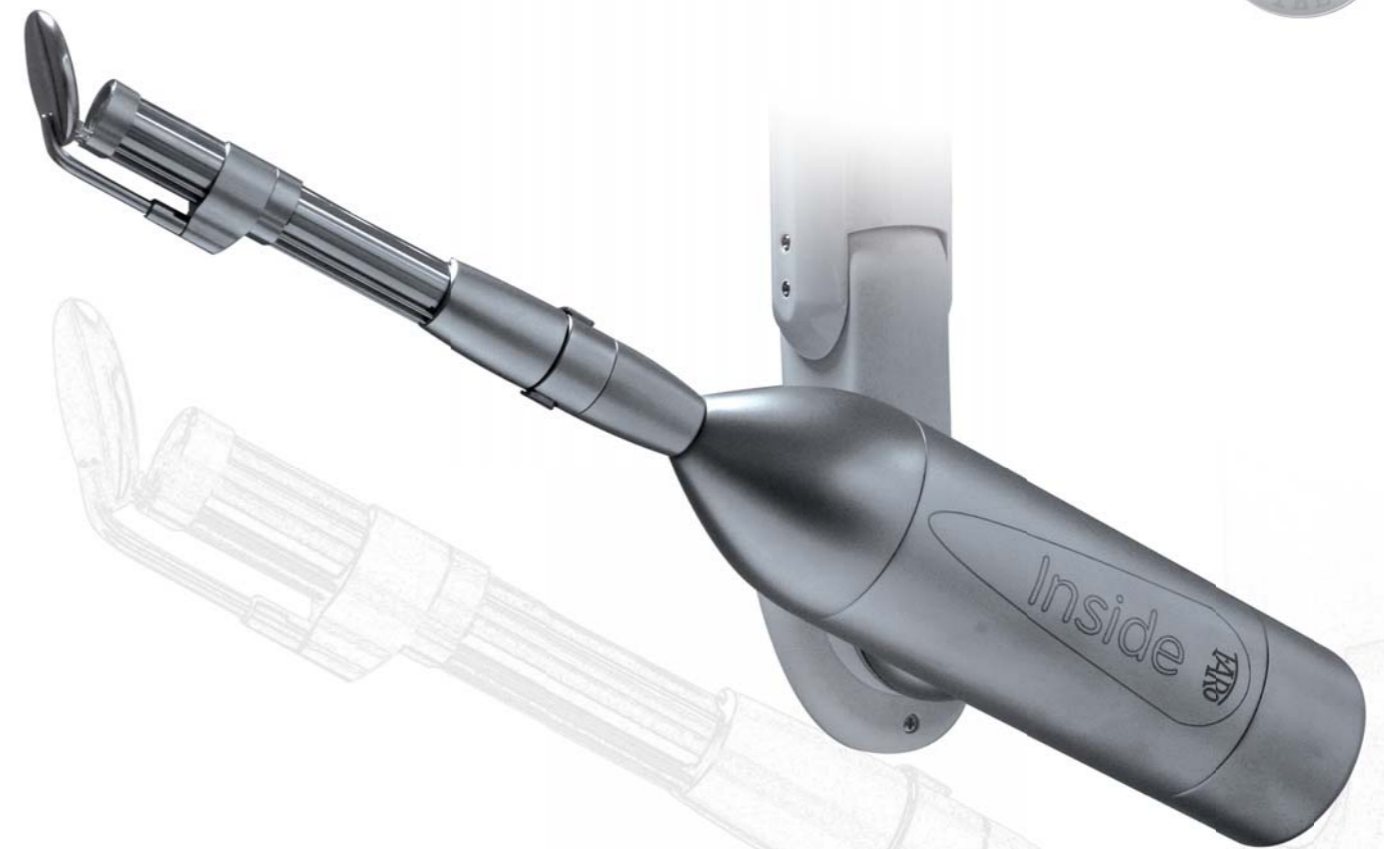
The blocks for affixing the **INSIDE** arm and the monitor are supplied separately, according to the type of dental unit on which it is to be applied. There must be a compressed air coupling and connection to the mains electricity. Installation is simple and rapid. At this point you may begin to use **INSIDE**.

Having switched it on by pressing the appropriate button, which simultaneously starts the compressed air feed, the operator can easily and accurately position the endoscope by moving the articulated arm. According to requirements, he positions it just outside or inside the oral cavity of the patient so as to frame the working area and allow the use of the instruments necessary for the operation.

By means of the control unit, the dentist can rotate the image or invert it, so as to make the movements of his hands consistent with the images on the monitor. At this point, the operation may be performed naturally while watching the working area through the monitor. We suggest you begin by inspecting the oral cavity while manoeuvring with the mirror or a probe, so as



AIR JETS FOR CLEANSING THE  
MIRROR AND OPTIC



to familiarise yourself with the new working method. You will find an exciting reality, made up of large images abounding in detail and always in focus, thanks to the noteworthy depth of field ensured by the sophisticated **INSIDE optic**. You will be assisted in diagnosis, which can become extremely accurate, and you will be able to involve the patient with positive results thanks also to his more relaxed participation in the therapies he is undergoing.

Having familiarised yourself with the new technique and mastered it sufficiently, you may pass on to using **INSIDE** for plaque removal. You will soon see how accurate and rapid plaque removal performed with **INSIDE** is because, thanks to the enlarged images, you will be able to operate only where it is effectively necessary. The patient, too, will appreciate the new technique, which is definitely less invasive. Passing from the plaque remover to using other, "gorier" instruments such as turbines and handpieces is but a step.

Hence, there are infinite possibilities of using the **INSIDE** technique to operate on your patients. The results will lie, it should be said, in your hands and in your determination. We are, in any case, certain that **INSIDE** will have become, at this point, a support in your working method that you will not be able to do without.

Benefits will accrue to the quality of your operations, your relations with patients, including children, who, made to feel involved and participating, will be more relaxed and thus open to longer and more productive sessions.

