

## Winch Root Extractor Professional Kit



- **Winch extractor**  
(medical cover coated)



- **Traction screw**  
(short- long/ 2mm)



- **Bridge support**  
(stainless steel)



- **Ratchet**  
(autoclavable)



- **Screw driver**  
(hexagonal type)



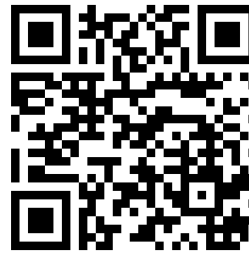
- **Support disc**  
(direct-left-right)



- **Traction cable**  
(stainless steel wire)



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### About us

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## Atraumatic Tooth Root Extractor

HIGH  
QUALITY



## How the system work

1. Cutting periodontal fibres by using the Periotome.
2. Strong, large roots must be luxated by axial movements within 30 seconds, using a slim elevator, Without using transversal movements.
3. Drilling with the diamond coated twist drill should be in the axis and center of the root fragment. It should be approx. 6 mm in the hard tissue.
4. According to circumstances, the **short or long extraction screw** with screwing support or ratchet is inserted.
5. Once the extractor is positioned properly, the extraction is carried out by turning the hand screw

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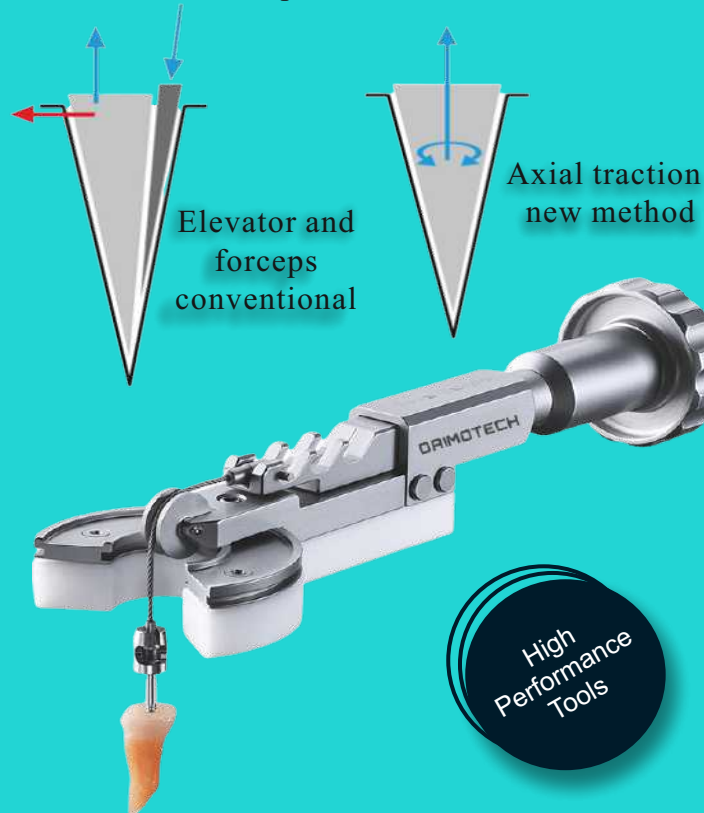
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Minimal invasive tooth root extraction technique

## About the product

The Winch® root extraction device, with an optimized design compared to the external sample, performs the root extraction process for implant installation in a completely atraumatic manner. The system mechanism is made of high quality materials and its manufacturing process is done by advanced CNC machining machines with high precision. The material of the root extraction screws is made of titanium with high purity and due to the shape of the screw threaded gears, it creates a very suitable grip at short depths.

- Minimally invasive
- Avoid osteotomy
- Flapless surgery
- Gentle on soft tissue, bone
- Avoid buccal expansion



## Introduction

The Winch® extraction allows a unique tissue protection as well as an optimal protection of the bone. This is very important for a desired immediate implantation. In modern dental treatment, implantology following extraction is increasingly favoured. Consistent with the principle of minimal invasion, conserving soft and hard tissue structures is a must. The modified device guarantees a gentle and simple extraction of roots in the whole mouth. It is nearly impossible to harm the soft tissue and the surrounding bone. Due to the longitudinal extraction. Winch is an optimal basis for direct implantation. Very low extraction trauma (no bruising to the gums and bone) enables more predictable immediate implant placement, which also equally reduces the effort and strain of patient and doctor. For extraction and immediate implant placement the Winch is a "must" as surrounding structures and the alveolar bones are completely preserved. During an extraction there is always the danger that the buccal wall or the alveolar cavity incurs damage which requires a lot of restoration work. When using the Winch Extraction System the risk of fracture of the buccal wall is considerably reduced. It is also very good for dentists with still little experience, as it facilitates the extraction and minimizes the risk of a trauma.

