



EndoPlus

The complete endodontics



Reaching the APEX

Advanced Technology Research (ATR), part of the SIRONA Group, has been developing medical equipments for the dental industry since 1995.

ATR EndoPlus is an endodontic micromotor to drive NiTi rotary files, with integrated Apex Locator system and an optional portable vertical obturation system.

A full range of features in a reduced encumbrance and the innovative flip open display are distinctive characteristics of the exclusive ATR EndoPlus. Compact, Concrete, Complete.

The integrated Apex locator system of ATR EndoPlus can be used both as a stand alone system, allowing measurement with handfiles or probes, or during the treatment, with rotary files while the motor is running. The unique Endo 6:1 contrangle developed by ATR & Sirona, eliminates every connection on the head of the contrangle and the external cables, the Apex locator signals "flows" directly from the file through the contrangle body, giving to the user a better visibility, less encumbrance and facilitating daily use and cleaning operations.

The internal library of ATR EndoPlus, which contains over 200 NiTi instrument types with manufacturer's suggested usage speed and torque value, together with the electronic calibration system, giving a constant controlled and precise movement regardless of mechanical and environmental conditions, and our "push and drill" menu, grant to the user the quickest and safest endodontic treatment ever experienced. The possibility to upgrade the software and the library using the memory stick, guarantees your ATR EndoPlus to be always updated with the latest in rotary instruments or to create your own file sequence. ATR EndoPlus drives the innovative ATR EP-Fill system, a portable heating handpiece for Guttapercha vertical obturation that plugs in ATR EndoPlus. No more need of many different devices. The whole endodontic treatment carried out with a single tabletop unit.

Optionals:

ATR EP-Fill vertical obturation handpiece



ATR EP-Fill Pluggers



Contrangle Sleeve



Accessories:

ATR EndoPlus is equipped with Central control unit; Brushless Micromotor, ATR 6:1 Endo Contrangle, Footpedal, Contrangle support, Memory stick, Apex locator cables, Handfile clamp, 2 Lip Clip, Travel Case, Power Supply with adaptors, Short Instruction Guide, User manual.

TECHNICAL FEATURES

- Instrument sequences
16 Sequence of NiTi files with speed and torque preset for every instrument
- Integrated APEX locator
Measures during shaping and can be used also with handfiles
- Torque warning signal
At 75% of the selected torque limit
- Auto-Stop-Reverse
In case of blocking, the motor stops and reverse in 1/1000 sec.
- Brushless
Lightweight, maintenance free and fully autoclavable micromotor.
- Calibration Function
Automatically check the system to have constant and precise speed and torque.
- Memory Stick
Allows you to easily create your own sequence.
- ATR EP-Fill (SOLD AS AN ACCESSORY)
Is a vertical obturation handpiece that plugs directly to your ATR EndoPlus.