No. 67041usa

# Swiss Quality for Precision Endodontic Technology

# TCM Endo III


## Universal device for root canal preparation !

- ✓ LCD display is bright and easy to read
- ✓ Motor is light weight with maximum speed of 16,000 rpm
- ✓ Auto reverse function (AP) reduces instrument breakage
- ✓ Automatic reverse function (AP)
- ✓ Automatic limit function (AL)
- ✓ Ten selectable torque level settings are available

NOUVAG® Dental and Medical Equipment SWISS QUALITY

# TCM Endo III

## Torque Controlled, Automatic Reversing Motor System !

The microprocessor controlled TCM Endo III is a slow speed electric torque controlled motor system making root canal preparation fast and easy.

The TCM Endo III is safe and simple to operate and is the superior choice for use with all brands of rotary Ni-Ti files.

**Art. No. 1530** (without contra angle)
**Art. No. 1542** (with contra angle)


**System includes:**

- Control unit (Art. no. 1541)
- Electric motor (Art. no. 1823)
- On/Off Footswitch (Art. no. 1488)

**Features and benefits at a glance:**

- **LCD display** is bright and easy to read.
- **Wide torque range** with 10 individual settings
- **Sterilizable electric motor** with maximum speed of 16'000 rpm
- **Automatic reverse function (AP)** When the pre-selected torque limit is exceeded, the motor will reverse two revolutions to free the file, then returns the file to forward rotation.
- **Automatic limiter function (AL)** This function limits the torque to the pre-selected torque setting. When the motor reaches the pre-selected torque level it will stop, but will not auto reverse. When this happens the clinician must engage the manual reverse button on the keypad to remove the file.
- **Selectable Reduction Ratios:** 1:1, 8:1 and 16:1
- **Simple, safe and clear operation**

## Technical Data:

| | |
|---|---|
| **Voltage:** | 115V/60 Hz or 230V/50 Hz |
| **Motor Type:** | Electric Motor |
| **Max. power:** | 40 VA |
| **Speed range micro motor:** | 1'200 – 16'000 rpm |
| **Speed range contra-angle 8:1** | 150 – 2'000 rpm |
| **Torque range:** | 2 bis 50 Nmm |
| **Type of instrument interface:** | Shaft Ø 2.35 mm (ISO 1797, Type 1) |
| **Dimension (W x D x H):** | 100 x 170 x 90 mm |
| **Control unit weight:** | 2 kg |



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