



# M3-L Platinum

Innovation Patented One File System



No.9 Changyang road ,West Taihu Lake Medical  
Industrial, Wujin district ,Changzhou,213000,CHINA  
Website: [www.udg-dental.com](http://www.udg-dental.com)

**3** Features

New Thinking

New Innovation

New Trial

## M3-L Platinum One File System

M3-L Platinum is designed to be used as a single instrument. That means that one instrument only is required to prepare a root canal. One M3-L Platinum instrument does the job of several instruments which would need to be used for preparation with regular hand or continuous rotary instruments. The shape obtained by the M3-L Platinum instrument enables effective irrigation and obturation with both cold and warm techniques.



12



### Regular Sequence

M-wire

20/.07



25/.065



35/.06



### Anterior teeth canals

M-wire

45/.05



55/.04



### Curved canals (>45°)

CM-wire

25/.04

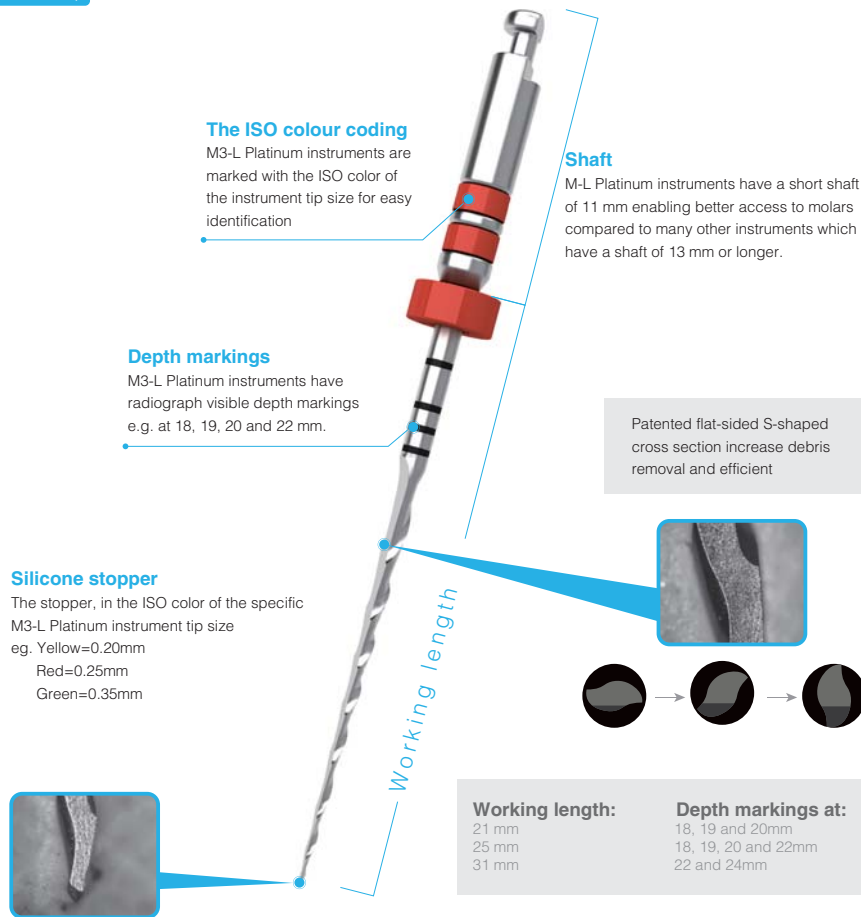


30/.04



# Instrument design

United Dental Group



## Unique & Perfect Solution for One File System

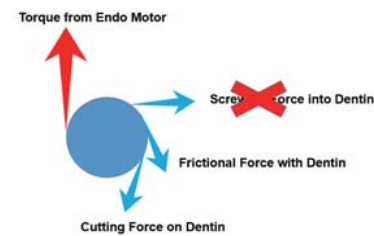
### Excellent Materials Treatment

M3-L Platinum files are produced with M-wire that goes through an innovative heat treatment, modifying its molecular structure to give it increased resistance to cyclic fatigue.

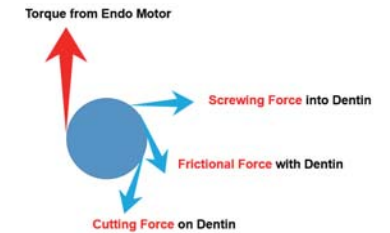
### Time-saving and easy to learn

Designed for convenience, M3-L Platinum instruments are used on only one patient and then simply discarded, eliminating two work steps - cleaning and sterilizing.

### Working Force Analysis of M3-L PLATINUM File

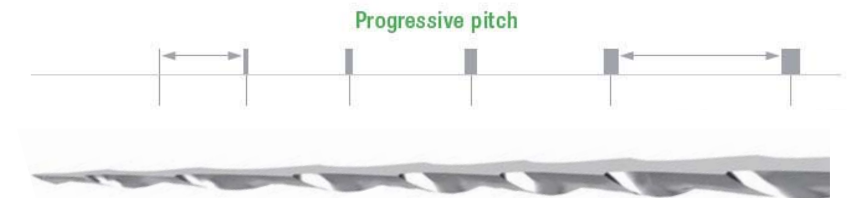


### Working Force Analysis of Traditional NiTi File



### Maximally reduce screw-in effect

Maximally increase safety and efficiency, reduce difficulties to operate endo files without request reciprocated endo motor. Achieve endo preparation with one file system



M3-L Platinum One file instruments have been specifically designed for use in Rotary motion. The perfect combination between our patented flat-sided S-shaped cross section, the variable taper, the cutting angles and the thermally improved raw material provides high efficiency and cutting performance. The file's tip is non-cutting for a gentle treatment near the apex

## The risk of instrument fracture is minimized

- SS cross section Niti File
- Progress pitch
- Flat-sided Cutting
- High and continuous rotation
- n speed (500 RPM)

# M3-Platinum popular now?

United Dental Group

## Narrow canals

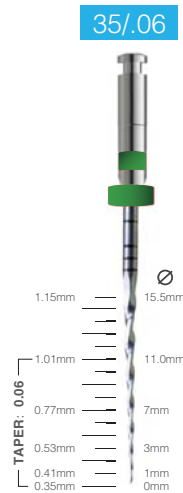
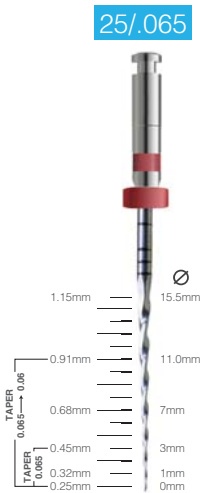
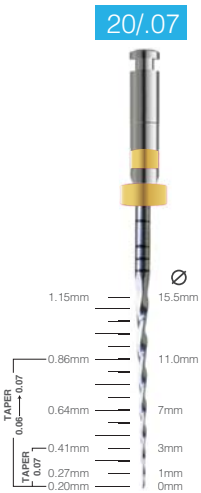
M3LP-L1 (Yellow) prepares the root canal to a diameter of 0.20 mm with a taper of .07 over the first apical millimeters.

## Medium canals

M3LP-L2 (Red) prepares the root canal to a diameter of 0.25 mm with a taper of .065 over the first apical millimeters.

## Wide canals

M3LP-L3 (Green) prepares the root canal to a diameter of 0.35 mm with a taper of .06 over the first apical millimeters.



## Wide canals

**45/.05**



## Wide canals

**55/.04**



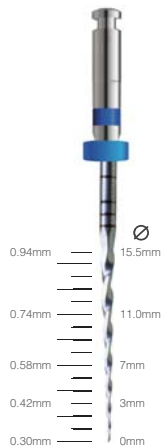
## Curved canals (>45°)

**25/.04**



## Curved canals (>45°)

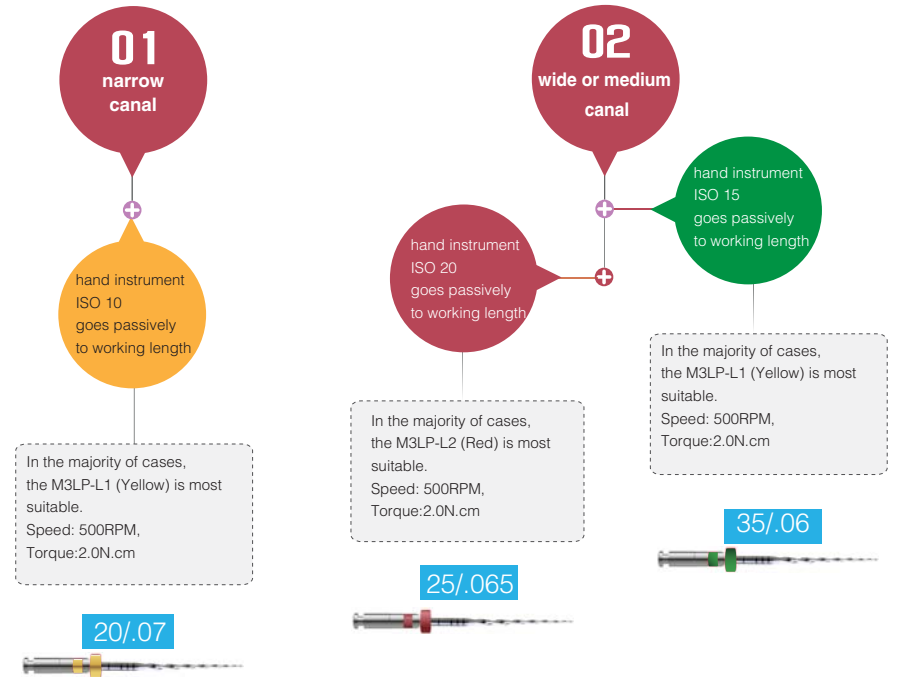
**30/.04**



# Selecting the correct M3-L Platinum instrument

United Dental Group

## Pre-Operative Radiograph DECISION



If no enough space inside root canal, choose orifice opener to open 1/3 canal.

**Passively** means that the instrument goes directly to working length with a gentle watch winding movement (small right left rotations) but without filing action.

## Precautions

1. During withdraw stroke of M3-L Platinum file, if resistance occur during deeper insertion, brushing action shall be recommended for each withdraw stroke.
2. Take out the file and irrigate, recapitulate and re-irrigate every time entered into 3-4mm.
3. M3-L Platinum is a One file system rotary file. Preparation file to #20 with smooth path is recommended for more safety.



Marc VI

Marc VI



### M3-L Platinum Assorted Packing

Model	L1	L2	L3
Size	ø 0.20 mm	ø 0.25 mm	ø 0.35 mm
Taper	7%vt	6.5%vt	6%vt
Speed	500rpm	500rpm	500rpm
Torque	2.0N.cm	2.0N.cm	2.0N.cm
Length	21mm/25mm/31mm	21mm/25mm/31mm	21mm/25mm/31mm

### M3-L Platinum Single Packing

Model		21mm	25mm
#20/7%	●	21-2007vt	25-2007vt
#25/6.5%	●	21-25065vt	25-25065vt
#35/6%	●	21-3506vt	25-3506vt
#45/5%	● ●	21-4505vt	25-4505vt
#55/4%	● ●	21-5504vt	25-5504vt
#25/4%	●	21-2504	25-2504
#30/4%	●	21-3004	25-3004



6 pcs/blister



10blisters/box