

# INSTRUCTIONS FOR USE

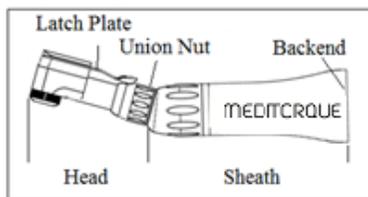
## MEDITORQUE ELITE ... by medidenta ...

### ME-E20ML E-type Mini. Latch Contra Angle ME-E30L E-type Latch Contra Angle

The **MEDITORQUE ELITE E-type Contra Angle** is intended for use by or for a dental professional only. Read the operation manual before use. Follow all instructions, cautions, etc. mentioned herein.

#### 1. Parts' descriptions, products' name and products' specifications

##### ● Parts' descriptions



##### ● Product specifications

ME-20ML Contra Angle Head (Head)	
Allowable max speed	20,000 rpm
Chuck configuration	Applicable to ISO 2.35 CA short shank bur

ME-30L Contra Angle Head (Head)	
Allowable max speed	30,000 rpm
Chuck configuration	Applicable to ISO standard 2.35 CA bur

ME-E Contra Angle Sheath (Sheath)	
Backend configuration	ISO standard E-type
Allowable max speed	40,000 rpm
Speed Ratio	1:1 transmission

The head is replaceable.

The following **MEDITORQUE ELITE** heads are available:

- ME-30LP..... Latch head, pushbutton type 30K rpm
- ME-30FGP.....FG head, pushbutton type, 30K rpm
- ME-40L.....Latch head, 40K rpm
- ME-40FGP.....latch head, 40K rpm

#### 2. Installation/removal of bur onto/from head

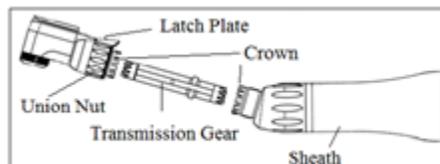
**Caution:** The replacement of the bur has to be executed, after the contra angle is installed into the air-motor. Do not replace the bur without connecting to the air-motor.

- Install the head into the sheath. Install it onto the air-motor. Swing the latch plate out.
- Insert a bur into chuck hole all the way until the end of bur shank touches the back of the chuck. Swing the latch plate back until it is locked with a snap at center position of the collar of the contra angle head.

- Remove the bur by following these steps in reverse order. **Caution:** Before use, make sure that the bur is securely installed onto the head, pulling it gently with your fingers. Make a trial run.

**Warning:** The ISO standard 2.35 CA short shank bur for the ME-E20L or the ISO standard 2.35 CA bur for the ME-E30L must be used. Do not use a worn-out bur, as excess pressure will be applied to the chuck assembly. Stop using the contra angle when abnormal vibration, noise, overheating, etc. occur while the contra angle is used. In this case, consult Medidenta Repair Department.

#### 3. Removal/installation of head from/into sheath



##### Removal:

- Swing the latch plate out.
- Remove the head from sheath, turning the union counterclockwise.
- Pull the transmission gear out from the head.

##### Installation:

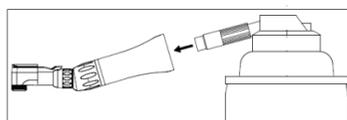
- Insert the transmission into the head. Engage the crown of the head with that of contra angle sheath, then turn the union nut.

#### 4. Lubrication

**Important:** Medidenta recommends I-Spray for lubrication. The contra angle must be lubricated after each use and each autoclaving.

**Caution:** Neglecting to lubricate or lack of lubricating oil may cause premature failure. This would be considered a misuse and will void the warranty.

- Use a spray nozzle provided with your purchase.
- Clean the surface of the contra angle. Lubricate it.
- Inject the handpiece spray for a few second into the backend of the nose cone or contra angle as indicated below:
- After lubrication, make a trial run.



- To be continued -

## 5. Sterilization

**Important: Medidenta recommends autoclave sterilization only.**

- Before sterilization, clean the surface of the contra angle. Lubricate them. As for the contra angle, remove the head from the sheath.
- Put them individually into a sterilization pouch.
- Autoclave them at 275 degrees F.

**Warning: Do not use dry heat sterilization. Do not use cold sterilization.**

## 6. Warranty

Manufacturer warranties the ME-20ML and ME-30L E-type contra angles for 3 months. Warranty is subject to observance of the maintenance instructions, cautions, warning and normal use.

**Note:**

**Medidenta and the manufacturer reserve the right to analyze and determine the cause of any failure.**

**Warranty is void, if breakage, accident or any other issues are caused by the neglect of maintenance, cautions, warnings or any other misuse.**

Manufacturing for:

The logo for Medidenta, featuring the word "MEDIDENTA" in a serif font with a stylized arch above the letters "E" and "D".

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