



**EMS<sup>+</sup>**

# HOW TO OPTIMISE YOUR AIRFLOW<sup>®</sup> MAX HANDPIECE

LEARN HOW TO TAKE THE NEW GUIDED LAMINAR  
AIRFLOW<sup>®</sup> TECHNOLOGY TO THE MAX

## RECOMMENDATIONS FOR USE:

### ANGLE

- > Range of usage is between 15° - 80°
- > Continuously adapt this angle during the treatment
- > Avoid using the handpiece at 90°

### DISTANCE

- > WORK CLOSER than the original AIRFLOW<sup>®</sup> Handpiece
- > Keep the handpiece at 2mm - 5mm during treatment
- > For heavy stains, keep the handpiece at maximum 2mm
- > Over 5mm, the AIRFLOW MAX<sup>®</sup> handpiece will lose efficiency & result in powder accumulation

### MOVEMENT

- > Make continuous semi-circular movements
- > Create small 'smileys' mesial to distal
- > Never hold the handpiece stationary

### SETTINGS

- > Power Setting: 20% - 60%
- > Water Setting: 100%



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# FAST FACTS: AIRFLOW® MAX vs ORIGINAL AIRFLOW® HANDPIECE

## Is the AIRFLOW® MAX handpiece as gentle on dentine as the original AIRFLOW® handpiece?

- > Gentler on the dentine
- > Treatments are safer and more comfortable especially in patients with recession & sensitive teeth

**Reason:** The treatment area with the AIRFLOW MAX® is larger (+32%), distributing the energy & making treatments safer on the dentine

## Is the effectiveness and speed in removing biofilm the same ?

- > Yes, it is the same or even better if recommendations are followed.

## There is less noise, does this contribute to less efficiency?

- > No. The effectiveness remains the same even though the MAX is more silent.

## The recoil force is much lower, does it mean the efficiency is affected?

- > No. Despite the lower haptic impression, the efficiency remains equivalent or better.

This contributes to greater clinician comfort.

## Removing stains is a challenge as the AIRFLOW® MAX takes longer and seems less effective. Is this true?

- > Distance plays an important role during stain removal. Approx. 2mm distance is optimal for the AIRFLOW® MAX
- > If the distance is more than 5mm, the powder starts to accumulate on the surface preventing effective cleaning.

**Reason:** the water channel collapses, mixing the powder and water prematurely causing powder accumulation.

## I see powder accumulation whilst working with the AIRFLOW® MAX Handpiece. What is going on?

- > Powder accumulation means you need to adapt your angle and the distance as per the recommendations.
- > Increase the angle and reduce the distance

## Our powder consumption has increased? Why is that?

- > In comparison to the original AIRFLOW® handpiece, the AIRFLOW® MAX should be used closer to the tooth surface especially when removing stubborn stains. The treatment time should become faster and subsequently reduce powder consumption.
- > ADJUST AND ADAPT your working parameters

## Is the comfort for the operator & comfort for the patient higher?

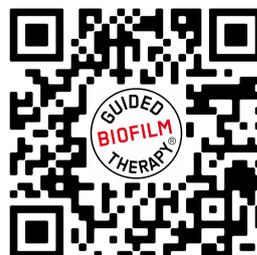
- > Yes.

**Reason:** For the clinician, the AIRFLOW® MAX reduces the effort in the hand (recoil force) and in addition the noise level is lower.

For the patient: less pressure from the jet and better control of aerosols results in a gentler impact on the soft tissues. Hence improving overall patient compliance.

## What about safety in children with the AIRFLOW® MAX? And in developing enamel?

- > Yes absolutely safe



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