



## **Bioclear Metal Instrument Instructions For Use (IFU)**

*These instructions apply to all Bioclear Metal Instruments*

### **Indications:**

The Bioclear Metal Instruments are intended to be used during dental caries restoration procedures using composite as well as some aesthetic procedures, such as closing open gingival embrasures, closing open diastemas, etc.. Please see the matrix system technique guide in the general instructions for further details on how to use the Metal Instruments.

### **Intended Purpose:**

The Bioclear Metal Instruments are intended to be used during dental caries restoration procedures using composite as well as some aesthetic procedures, such as closing open gingival embrasures, closing open diastemas, etc.. The instruments are used to perform functions such as examine teeth, manipulate other dental devices (such as matrices, wedges, rings, etc.), etc.. Contact with the patient is transient, meaning less than an hour. Bioclear Metal Instruments are invasive through a body orifice, specifically orally, but do not penetrate past the pharynx. Bioclear Metal Instruments are neither re-usable surgical instruments nor measuring devices.

### **Safety:**

To offer your patients the safest, most comfortable procedure possible, carefully read the enclosed instructions and watch the tutorials on the website prior to use.

Note: Please check [www.bioclearmatrix.com](http://www.bioclearmatrix.com) to find the most recently updated instructions and tutorials.

### **Warnings:**

The Bioclear Metal Instrument is a small component. Please make sure to keep control of it at all times.

### **Aspiration:**

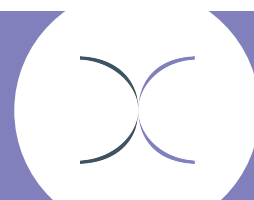
Seek immediate medical attention if any part is inhaled.

### **Handling:**

To protect patients from injury, please take care to remain in full control of all instruments and devices at all times.

### **Precautions:**

Bioclear Matrix offers instructions and classes for using these products. Any use not specified





in the instructions is not recommended and will be the responsibility of the attending practitioner.

**Storage:**

Store in a clean, dry environment at temperatures between 10-24C/50-75F, away from sunlight, moisture, excess humidity, flame or sources of ignition.

**Hygiene:**

Metal Instruments are reusable and can be autoclaved and/or sterilized.

Used Metal Instruments are contaminated. Appropriate precautions should be taken to clean and sterilize according to standard procedures listed here and in the general instructions.

Avoid Cross Contamination

**Pre-Sterilization:**

Rinse any contaminants from the Metal Instrument.

Use warm water and a soft brush to gently wash the Metal Instrument and then rinse in warm water.

Note: do not use any sprays or wipes other than a soft soap. Harsh chemicals may damage the product.

**Sterilization:**

Sterilization is NOT a substitute for proper cleaning. Clean the Metal Instruments first then sterilize them.

Step 1: Either hand-clean with a cleaning solution or use an automatic washer for the initial clean to remove any fluid or debris. If fluid & debris are not removed, it causes the sterilization process to be ineffective

Step 2: Rinse with clean water and then visually check to make sure all fluid and debris have been removed

Step 3: Sterilize using a standard steam heat autoclave (not dry heat) at a maximum temperature of 270°F/132°C. After the cycle, allow the Metal Instruments to cool for at least 5 minutes.

**Post Sterilization:**

Allow the Metal Instruments to fully dry prior to storage.

**Transport**

Avoid prolonged transport in extremely high or low temperatures. Recommended





transport temperatures are 20F (-7C) to 100F (38C). Moisture does not affect the product. Do not transport in direct sunlight.

#### **Discard**

Metal Instrument can be disposed of with normal waste products after their usable life. in accordance with current legislation and local regulations.

#### **Composition:**

See Metal Instrument Safety Data Sheet (SDS). It can be found online at [www.bioclearmatrix.com/resources/ifu-sds/](http://www.bioclearmatrix.com/resources/ifu-sds/)

#### **How to use:**

See Technique Guide for the matrix system you are using. It can be found online at [www.bioclearmatrix.com/resources/ifu-sds/](http://www.bioclearmatrix.com/resources/ifu-sds/)

#### **Warranty**

Metal Instruments do not have a warranty. However, if the product is defective upon arrival, contact your local representative for a replacement.

#### **Limitation of Liability**

Metal Instruments are intended to be used by educated dental professionals, e.g., general dentists, dental assistants, dental hygienists, who have theoretical and practical knowledge on usage of dental products only. Any use not specified in the instructions is not recommended and will be the responsibility of the attending practitioner.



#### **Manufacturer:**

Bioclear Matrix Systems by Dr. David Clark  
3402 South 38<sup>th</sup>  
Tacoma, WA 98409  
USA  
Ph: 855-712-5327

**Origin:** Made in Pakistan

Any serious incident that has occurred in relation to the use of this device should be reported to the manufacturer immediately either by mail at the address above or by email to [jennifer@bioclearmatrix.com](mailto:jennifer@bioclearmatrix.com).

#### **Importer:**

Find the importer for your country on our website at [www.bioclearmatrix.com](http://www.bioclearmatrix.com)



# BIOCLEAR



EMERGO EUROPE  
Prinsessegracht 20  
2514 AP The Hague  
The Netherlands



## Harmonized Symbols:



## IFU Revision Date:

May 4, 2021

