

For proper use of our products is recommended that practitioner is trained. Implant System Microdent S.L. organizes periodic training courses, which reports on the particularities of each of the components of surgical instruments and their proper use.

These instructions for use are available in pdf format at the following web address: [www.microdentsystem.com/instructions-for-use](http://www.microdentsystem.com/instructions-for-use)

To open pdf files you need the free Adobe Acrobat Reader.

#### INTENDED USE

Implant System Microdent S.L. placed on the market surgical instruments required to allow the application and use of their implant systems.

#### SURGICAL INSTRUMENTS DESCRIPTION

For proper selection of our products are advised to consult the published catalogs of products.

All surgical instruments placed on the market by Implant Microdent System SL are made of stainless steel.

##### Depth Gauge Description

The depth gauge is a surgical instrument that allows knowing the depth of milling acquired in the process of making the socket implant. The depth gauge is provided with a stem with grooves or marks indicating the depth that we want to know.

Marks having the depth gauge are 6, 8, 10, 12, 14, 16 and 18 mm. with reference to the apex of the gauge. The accuracy of the marks or indications of depth is  $\pm 0.1$  mm.

##### Alignment pin Description

Alignment pin is a surgical instrument which allows knowing the orientation of the implant socket in performing the drilling sequence thereof. The guide comes in different diameters, consistent with the size of drills, avoiding deviations in observing the direction of the socket.

The Alignment pin is provided with marks that allow knowing milling depth, those marks are located at 6, 8, 10 and 12 mm. from the apical part of the product. The accuracy of the marks or indications of depth is  $\pm 0.1$  mm.

#### PRESENTATION OF MICRODENT SURGICAL INSTRUMENTS

##### Packaging

Implant Microdent System S.L. ensures that all surgical instruments follow a manufacturing process, control and extreme cleaning before being packaged.

Surgical instruments may be in various forms of packaging. It will identify the product contained, with its corresponding label.

##### Instrument supply state.

Surgical instruments are **not sterile**. Before using, product must be sterilized, at customer sites.

For the correct sterilization of the product you should follow the following steps:

- Removing the product from the packaging supplied. This package does not allow the proper sterilization of the product contained.
- Place the product in FDA- cleared sterilization accessories, such as bag or containers, are to be used for the recommended sterilization parameters. We recommend steam sterilize (autoclave) using a pre-vacuum cycle. Please observe the characteristics of equipment you have. The parameters recommended by ANSI / AAMI ST79 are:
  - Temperature: 270°F/132°C
  - Exposure time: 4 minutes.
  - Drying time: 20 minutes.

#### LABELLING SYMBOLS

Product label shows the following indications:



Non-sterile



Consult Instructions for use

#### CONTRAINDICATIONS

None Known.

#### WARNINGS AND PRECAUTIONS

Surgical instruments are part of an overall design concept, having adequate use with products manufactured by Implant Microdent System SL, therefore, the combination of Microdent products with others outside the mark can cause no optimal operation of these products.

When the instruments have come into contact with pollutants, especially blood and saliva, must be cleaned and sterilized before use on another patient.

Products should be used only for the purpose for which they were specified.

We warn you about the risk of toxicity and allergenicity for patients sensitive to the materials described under "SURGICAL INSTRUMENTS DESCRIPTION".

Before proceeding with surgery, it is the user's responsibility to check the product, the container and to make sure it is the right product for the patient.

For proper cleaning of surgical instruments should follow the following instructions:

- Do not use cleaning or disinfection with chlorine or acids.
- Avoid all products containing an aldehyde, given the ability to attach these proteins.
- Remove carefully all post-operative waste left on the surface or inside the surgical instruments. For this work use a nylon bristle brush.
- In the case of instruments with cutting edges, to avoid as much as possible the contact bumps and other instruments that may damage the surface and / or the cutting edges thereof.
- Immediately after proceeding to the cleaning process, rinse with distilled water and dry thoroughly.
- **Improper drying can cause occurrence of oxidation points in the products.**

Surgical instruments, is subject to wear and use, remain the responsibility of the user the periodic renewal of these products.

Implant System Microdent S.L. advised that the availability of substitutes.

In general, during the oral use of our products the user must take precautions to prevent aspiration by the patient.

#### LIABILITY, SAFETY AND WARRANTY

If the protective packaging of product is damaged during delivery, Implant Microdent System S.L. will replace it free of charge. This will not be the case if there is evidence of product manipulation.

The guarantee will apply to Implant Microdent System S.L products provided they have been used following the instructions indicated.

For a refund of the products that mention these instructions should follow the guidelines established in our conditions of sale and delivery

Any abnormalities should be carefully analyzed for effectiveness and potential adverse consequences and documented.

Manufactured by: Implant Microdent System S.L.  
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Made in Spain.