

Recommended washing, handling and sterilization instructions for Ixion™ Instruments

Instruments are not sterile upon receipt and must be sterilised before use in accordance with the following instructions.

Remove all packaging prior to cleaning and sterilization. Do not exceed 160°C.

For correct use and maximum and minimum wire sizes please refer to www.ixion-instruments.co.uk, current Ixion catalogue or the wire size etching on the instrument body.

Cleaning Instructions

Remove any excess oil with a disposable paper towel.

Manual

Brush using a near neutral cleaning agent (A neutral cleaning agent will prevent staining and mottling of the surface of the instrument) and ensure that the instrument is cleaned thoroughly on all surfaces and joints. Rinse under clean running water for 3 minutes. Repeat full process if necessary. Dry using a paper towel. Please Note: Manual cleaning is not recommended for IX841.

Automatic

Use only validated washing agents suitable for the instruments and washing machine. (A neutral cleaning agent will prevent staining and mottling of the surface of the instrument).

When removing the instruments from the washing machines please check for cleanliness and repeat the cycle if necessary. Check for any damage or corrosion. Cutting edges should be free of defects and ensure that detachable tips are secure.

Dry thoroughly using a paper towel or dry heat not exceeding 160°C.

Please Note: Instruments should be thoroughly dried before sterilization, particular attention should be taken with drying joints/springs/tips and screws. Any residual water left on the instrument can lead to surface corrosion.

Sterilisation Instructions

Always lubricate joints and hinges before sterilization, using a vapour permeable lubricant. (Ixion instrument oil IX010) Instruments should be loaded into perforated instrument trays or general purpose sterilisation trays ensuring the cutting edges are not in contact with the trays to avoid damaging the cutting surfaces. When sterilising more than one instrument care should be taken to prevent the instruments from touching as this may cause damage.

Use only validated vacuum autoclaves. Do not exceed 160°C. Do not exceed the manufacturers stated maximum load.

Additional information

Validated ultrasonic baths may be used with validated cleaning agents. Follow instructions for use issued by the equipment and cleaning agent manufacturer.

DB Orthodontics recommends automatic cleaning requirements should be done following the requirements of CFPP, NI/CFPP, SHTM and WHTM publications as applicable.

Ixion instruments washing and sterilization processes have been validated by DB Orthodontics and are in compliance with ISO 17665-1.

Warranty

Ixion instruments are warranted to be free of defects in material and workmanship for 5 years. DB Orthodontics will sharpen free of charge within 1 year of purchase any cutter which fails to cut the intended wire size. Mis-use, abuse or failure to maintain or care for instruments properly will void warranty claims. DB Orthodontics's sole responsibility will be, at its own discretion, to repair or replace or credit the instrument in the event of any claimed defects. Adherence to recommended cleaning, sterilization and lubrication practices will help ensure optimum instrument performance. Cutting instruments that are used frequently should be reconditioned as required. Joints should be lubricated with a medical grade lubricant during every decontamination procedure. Warranty does not cover routine maintenance, sharpening or reconditioning.

Limitation of Liability

Except where prohibited by law, DB Orthodontics will not be liable for any loss or damages arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability. This limitation does not apply to third party personal injury claims.

Warranty does not cover routine maintenance, sharpening, repairing minor tip damage or reconditioning. Warranty claims or service requests should be forwarded to your distributor.

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